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Public School Exhibit

CATALOGUE

OF THE

Public School Exhibit

OF

THE COMMONWEALTH OF MASSACHUSETTS

AT THE

Louisiana Purchase Exposition

ST. LOUIS
1904

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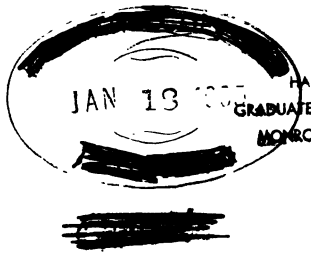

Board of Managers for Massachusetts

FOR THE

Louisiana Purchase Exposition.

Rev. George Harris, LL.D., Amherst, President.
Mrs. Sarah C. Sears, Boston, Vice-President.
Mrs. May Alden Ward, Boston.
Thomas B. Fitzpatrick, Boston.
Wilson H. Fairbank, Warren.

James M. Perkins, Boston, Secretary.

George E. Gay, Director of Educational Department.
Gertrude L. Brinkhaus, Assistant.

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MASSACHUSETTS GENERAL SCHOOL EXHIBIT, LOUISIANA PURCHASE EXPOSITION.

PREFACE.

AN educational exhibit may serve several purposes. It may show the best written work of the best pupils, as an agricultural exhibit shows the best corn and wheat. It may show an educational plant, school houses, grounds, apparatus, etc. It may show courses of study and methods of instruction. It may show statistics of work done, of growth and development. It may show methods of school organization and administration. In general, it may show what the people of a community or state believe to be worth doing for school children and what they believe it to be worth while for children to do in school; for we have come to understand that children can do many different things well and with some advantage to themselves and the community, and that the crucial question in public education is, on what things and for now long time shall school children be employed during the hours that they are in school.

This exhibit serves all these purposes, but its emphasis is laid upon school organization, courses of study, and means and methods of instruction. It is not primarily an exhibit of fine penmanship, though penmanship is treated as an important school exercise. It is not specifically an exhibit of drawing, though drawing is represented as holding a high position among the several studies taught in the schools of Massachusetts. It is not an exhibit of manual training, though several excellent courses of study in this department are shown. It is not a collection of pretty exercises made by pupils and teachers for exhibition at the World's Fair; happily their day has passed.

In a general way, the things represented by the exhibit may be classified and described as follows:

1. School organization, shown by reports, charts and printed pamphlets.

2. School architecture, shown by photographs of school buildings.

3. Courses of study, shown by printed pamphlets, descriptive charts, and illustrative exercises selected from the written work of school children. These are shown in the wall cabinets, one hundred fifteen in number, which line the walls and fill the alcoves of the exhibit booth, and form the most prominent feature of the exhibit.

4. Illustrative school apparatus, designed and made by school children. This is placed in the show cases and on the exhibit tables.

5. Manual and industrial training models, including sewing, made by pupils, arranged in logical order, and numbered serially. These are placed on the walls of the booth above the cabinets, in show cases, and in drawers beneath the exhibit tables.

6. Bound volumes of class exercises, prepared and copied as special World's Fair work.

7. Bound volumes and pamphlet cases of class exercises, original drafts, prepared as regular exercises without the knowledge of any one that they were to be used for exhibition.

8. Bound volumes and pamphlet cases of class exercises prepared as in No. 7, with corrections by the teacher, followed by revised copies made by pupils.

9. The exhibit of the Massachusetts Agricultural College.

10. The exhibit of the ten State normal schools.

11. Cabinet No. 2: elementary science, exhibit, grades I-IX, normal schools, of the Lowell Textile School, and of the Massachusetts Nautical Training School.

12. The exhibit of free public libraries in Massachusetts.

The general arrangement of the exhibit is as follows: The front (west) room contains the exhibits of the higher institutions, the Agricultural College, and the normal schools, and two city high schools, Springfield and Somerville. The alcoves and the long row of cases in the center of the booth contain the exhibits of various cities and towns. The rear (east) room contains the exhibit of the city of Boston. The work in the cabinets, showing the development of courses of study, is generally progressive from front to back, the outer leaves of the cabinet showing the work of primary grades in some one subject, and the inner leaves showing the work of grammar school grades, in regular order. The character of the work in each bound volume is described on its title page.

The exhibits should be studied by a visitor with this catalogue in hand, as its explanations are often necessary to a full understanding of their scope and purpose.

I take this opportunity to express my gratitude to the Massachusetts Board of Managers, whose generous appreciation of the value of our public schools has rendered the collection and installation of this exhibit possible, and whose patience and kindness toward me have known no bounds; to the superintendents and school officials who have aided me constantly during the past year's labor; and to the teachers and pupils who have given time and strength to the preparation of the material here displayed.

GEORGE E. GAY.

THE SCHOOL SYSTEM OF MASSACHUSETTS.

I. THE STATE SYSTEM.

THE system of public education in Massachusetts is characterized by a maximum of local independence with a minimum of central control.

The State Board of Education.

The State Board of Education consists of the Governor and Lieutenant-Governor, *ex officiis*, and eight others appointed by the Governor for a term of eight years, one retiring annually.

The board is responsible for the management of the State normal schools, ten in number, the holding of institutes, the gathering and publishing of the school statistics of the State, the State examination and certification of teachers, and the supervision of the education of State beneficiaries in schools for the deaf and blind.

The Secretary.

The secretary of the Board of Education is usually classed with the State superintendents of schools. He works partly under the direction of the board and partly under the immediate direction of the statutes. His principal duties may be summarized as follows:

To make abstracts of school returns, collect information respecting the condition and efficiency of the public schools and other means of popular education, and distribute the same for the benefit of the General Court and the public.

To suggest improvements in the school system to the board and to the General Court.

To visit schools, make educational addresses, hold institutes, and serve as one of the two commissioners of the Massachusetts school fund.

To perform such miscellaneous duties as would naturally fall to the chief executive officer of the board.

AGENTS.

The board employs several officers called agents.

Their duty is to visit the schools, confer with teachers and the school authorities, give educational addresses, receive and give information in the same manner as the secretary, and in general to promote through advisory means the welfare of the public schools.

THE STATE SCHOOL FUND.

The establishment of a school fund in 1834 was the beginning of the direct effort of the State as such to supplement the work of the local authorities in building up the school system. When created, the fund was limited to $1,000,000. It has since been increased to $5,000,000.

The entire income of the school fund is now divided among those towns of the State the valuation of which is less than two and a half millions of dollars.

FORMS OF FINANCIAL AID BY THE STATE.

1. Distribution of income of school fund.
2. Tuition of high school pupils in out-of-town high schools.
3. Part of the salary of district superintendents.
4. Tuition and support of deaf, blind and feeble-minded children.
5. Forty scholarships each in the Massachusetts Institute of Technology and the Worcester Polytechnic Institute.
6. Annual appropriations to the State and county teachers' associations.
7. Support of normal schools.

II. LOCAL SCHOOL SYSTEMS.

Each town and city is a unit in the management of its schools. There are no local sub-divisions for support or control.

KINDS OF SCHOOLS.

The highly organized systems of the cities and larger towns comprise kindergartens, primary schools, grammar schools, high schools and evening schools. A few support vacation schools.

In the more sparsely settled communities the ungraded school is still the prevailing type.

High Schools.

Provision for secondary education has been made since 1635, for many years in (Latin) grammar schools, later in academies, and since 1826 in free public high schools. These schools are required in towns having more than five hundred families. They are authorized in smaller towns.

Towns which do not maintain high schools must pay for the tuition of properly qualified pupils who desire to attend high schools in other towns. The State reimburses towns whose property valuation is low for such tuition.

Under this legislation high school privileges are open to all, and are actually enjoyed by the children of nearly all the towns in the State.

Evening Schools.

Evening elementary schools are required in towns and cities whose population exceeds 10,000, and evening high schools in cities having an excess of 50,000, if petitioned for by fifty or more residents over fourteen years of age who desire to attend such a school.

Vacation Schools.

Vacation schools are not required, but are being established in increasing numbers. In a considerable number of cities and towns they are supported at public expense, in others by public-spirited persons associated for the purpose.

Courses of Study.

The State in statutes names certain studies which must be taught in all schools, and others which may be taught. It also fixes a minimum length of the school year. But it prescribes no course of study. Each town and city fashions its own.

Elementary schools must be maintained for at least thirty-two weeks in each year, but in towns having a specified low valuation the term may be reduced to twenty-eight weeks. The average length of the last school year was thirty-seven weeks.

High schools must be provided with courses at least four years in length, and must be continued at least forty weeks in each year.

Graded schools throughout the State are organized generally on a basis of a thirteen years' course, with annual promotions. Frequently the first three grades are organized by themselves into primary schools in separate buildings. The next six grades form the grammar schools, and the last four the high schools.

Selection and Pay of Teachers.

The local school committees have full power to appoint and discharge teachers. They are required to ascertain "by personal examination" the qualifications of those whom they select to teach. They may accept a diploma from a Massachusetts normal school in lieu of the personal examination, but they are not required to accept it. Nor are they required to employ graduates of normal schools. In fact about forty per cent of all the teachers employed are graduates of normal schools. About fifty per cent have attended normal schools.

Annual election of teachers is the prevailing custom, but committees are authorized to elect "to serve during the pleasure of the committee," and in Boston and some other cities teachers are so elected after serving a prescribed number of years, and enjoy permanence of tenure.

Of the whole number of teachers employed nine per cent are men. The average wages of the men per month are $145.27; of the women, $54.61.

Support of the Schools.

Schools are supported mainly under the general law: "Towns shall raise by taxation money necessary for the support of public schools." The amount raised by local taxation is supplemented by State aid in some towns. A few small local funds are also available.

In Boston the amount to be raised for school purposes is limited by law to a fixed ratio of the valuation, elsewhere it is unlimited. School taxes are not assessed separately, but are included in the general budget.

Conveyance of Children.

In some towns neighboring small schools have been consolidated. In others, all the children are brought to one central building.

Local Supervision.

In each town and city the schools are in charge of an elective body called the school committee. Women may vote for members of this body, and women may also serve on it. The members are chosen for three years, one-third retiring annually.

They have full authority and responsibility under the statutes for the management of all public schools, and from their action no appeal lies to any central school authority.

Every town and city, either alone or in a union district with other towns, is required to employ through its school committee a superintendent of schools to have the care and supervision of the schools, under the direction and control of the committee.

In order that all the towns may enjoy the benefits of professional supervision, small towns were at first allowed, but are now required to unite in districts and employ a superintendent.

With some local exceptions, superintendents frame courses of study, select text-books and nominate teachers. They have proved a powerful influence in elevating the school standard throughout the State.

III. School Attendance and Truancy.

The period of required school attendance is between the ages of seven and fourteen. Children between these ages must attend all the time the schools are in session.

For the care of habitual truants the counties are required either separately or jointly to maintain county truant schools, to which boys may be committed after conviction, on complaint of a truant officer. Truant girls are sent to the State Industrial School for Girls.

IV. Employment of Children.

No child under the age of fourteen years may be employed in any factory, workshop or mercantile establishment. No such child may be employed for wages during the hours when the schools are in session, nor before six o'clock in the morning, nor after seven o'clock in the evening.

No child under sixteen may be employed without an age and schooling certificate approved by the superintendent of schools.

HORACE MANN,

REPLICA FROM STATUE IN FRONT OF STATE HOUSE,
BY CAPRONI BROS., BOSTON.

GENERAL CATALOGUE.

1. Wall frame: clay work, Boston.
2. Cabinet No. 1: kindergarten exhibit, Boston.
3. Show case: kindergarten exhibit, Boston.
4. Drawer: kindergarten exhibit, Boston.
5. Bound volume: pupils' work, plants, grades I-IV, Boston.
6. Bound volume: pupils' work, plants, grades V-VIII, Boston.
7. Bound volume: pupils' work, minerals, grades IV-VII, Boston.
8. Bound volume; pupils' work, minerals, grades VIII, IX, Boston.
9. Bound volume: pupils' work, animals, grades I-IV, Boston.
10. Bound volume: pupils' work, animals, grades VII-IX, Boston.
11. Cabinet No. 2; elementary science exhibit, grades I-IX, Boston.
12. Framed picture: Albert Palmer School, Boston.
13. Wall frame: manual training, grade IV, Boston.
14. Cabinet No. 3: geography exhibit, grades IV-VI, Boston.
15. Pupils' note book: geography, Boston.
16. Pupils' note book: geography, Boston.
17. Pupils' note book: geography, Boston.
18. Pupils' note book: geography, Boston.
19. Cabinet No. 4: geography exhibit, grades VI-VII, Boston.
20. Show case: relief maps, Boston.
21. Drawer: pupils' collections, Boston.
22. Bound volume: pupils' work, geography, grade IV, Boston.
23. Bound volume: pupils' work, geography, grade V, Boston.
24. Bound volume: pupils' work, geography, grade VI, Boston.
25. Bound volume: pupils' work, geography, grade VI, Boston.
26. Bound volume: pupils' work, geography, grade VI, Boston.
27. Bound volume: pupils' work, geography, grade VII, Boston.
28. Bound volume: pupils' work, geography, grade VII, Boston.

29. Bound volume: pupils' work, geography, grade VIII, Boston.

30. Framed picture: Phillips Brooks School, Boston.

31. Wall frame: manual training, grade IV, Boston.

32. Cabinet No. 5: arithmetic exhibit, grades I-IX, Boston.

33. Show case: mathematical apparatus, Boston.

34. Bound volume: pupils' work, arithmetic, grade I, Boston.

35. Bound volume: pupils' work, arithmetic, grade II, Boston.

36. Bound volume: pupils' work, arithmetic, grade III, Boston.

37. Bound volume: pupils' work, arithmetic, grade IV, Boston

38. Bound volume: pupils' work, arithmetic, grade V, Boston.

39. Bound volume: pupils' work, arithmetic, grade V, Boston.

40. Bound volume: pupils' work, arithmetic, grade VI, Boston.

41. Bound volume: pupils' work, arithmetic, grade VII, Boston.

42. Bound volume: pupils' work, arithmetic, grade VIII, Boston.

43. Bound volume: pupils' work, arithmetic, grade VIII, Boston.

44. Bound volume: pupils' work, arithmetic, grade IX, Boston.

45. Bound volume: pupils' work, arithmetic, grade IX, Boston.

46. Framed picture: W. E. Russell School, Boston.

47. Wall frame: manual training, grade V, Boston.

48. Cabinet No. 6: drawing exhibit, administration and grades V-IX, Boston.

49. Bound volume; pupils' work, drawings, design, grade III, Boston.

50. Bound volume: pupils' work, drawing, pose, grade III, Boston.

51. Bound volume: pupils' work, drawing, nature, grade III, Boston.

52. Bound volume: pupils' work, drawing, objects, grade III, Boston.

53. Bound volume: pupils' work, drawing, pose, grade IV, Boston.

54. Bound volume: pupils' work, drawing, nature, grade IV, Boston.

55. Bound volume: pupils' work, drawing, objects, grade IV, Boston.

56. Bound volume: pupils' work, drawing, historic ornament, grade IV, Boston.

57. Bound volume: pupils' work, drawing, pose, grade V, Boston.

58. Bound volume: pupils' work, drawing, nature, grade V, Boston.

59. Bound volume: pupils' work, drawing, historic ornament, grade V, Boston.

60. Bound volume: pupils' work, drawing, objects, grade V, Boston.

61. Bound volume: pupils' work, drawing, design, grade VI, Boston.

62. Bound volume: pupils' work, drawing, pose, grade VI, Boston.

63. Bound volume: pupils' work, drawing, nature, grade VI, Boston.

64. Bound volume: pupils' work, drawing, ornament, grade VI, Boston.

65. Bound volume: pupils' work, drawing, objects, grade VI, Boston.

66. Bound volume: pupils' work, drawing, design, grade VII, Boston.

67. Bound volume: pupils' work, drawing, pose, grade VII, Boston.

68. Bound volume: pupils' work, drawing, nature, grade VII, Boston.

69. Bound volume: pupils' work, drawing, ornament, grade VII, Boston.

70. Bound volume: pupils' work, drawing, objects, grade VII, Boston.

71. Bound volume: pupils' work, drawing, design, grade VIII, Boston.

72. Bound volume: pupils' work, drawing, pose, grade VIII, Boston.

73. Bound volume: pupils' work, drawing, nature, grade VIII, Boston.

74. Bound volume: pupils' work, drawing, historic ornament, grade VIII, Boston.

75. Bound volume: pupils' work, drawing, objects, grade VIII, Boston.

76. Bound volume: pupils' work, drawing, design, grade IX, Boston.

77. Bound volume: pupils' work, drawing, pose, grade IX, Boston.

78. Bound volume: pupils' work, drawing, nature, grade IX, Boston.

79. Bound volume: pupils' work, drawing, modern architecture, grade IX, Boston.

80. Bound volume: pupils' work, drawing, modern architecture, grade IX, Boston.

81. Bound volume: pupils' work, drawing, objects, grade IX, Boston.

82. Cabinet No. 7: music and physical training exhibit, grades I-IX and high schools, Boston.

83. Bound volume: pupils' work, music, grade I, Boston.

84. Bound volume: pupils' work, music, grade II, Boston.

85. Bound volume: pupils' work, music, grade III, Boston.

86. Bound volume: pupils' work, music, grade IV, Boston.

87. Bound volume: pupils' work, music, grades V-VII, Boston.

88. Bound volume: pupils' work, music, grade VIII, Boston.

89. Bound volume: pupils' work, music, grade IX, Boston.

90. Framed picture: Bowditch School, Boston.

91. Wall frame: manual training exhibit, grade VI, Boston.

92. Cabinet No. 8: history exhibit, grades VII-IX, Boston.

93. Bound volume: pupils' work, history, grades IV-VI, Boston.

94. Bound volume: pupils' work, history, grade VII, Boston.

95. Bound volume: pupils' work, history, grade VII, Boston.

96. Bound volume: pupils' work, history, grade VIII, Boston.

97. Bound volume: pupils' work, history, grade VIII, Boston.

98. Bound volume: pupils' work, history, grade IX, Boston.

99. Bound volume: pupils' work, civil government, grade IX, Boston.

100. Bound volume: pupils' work, civil government, grade IX, Boston.

101. Blank Book: course of study in history, Roger Wolcott School, Boston.

102. Cabinet No. 9: language exhibit, grades I-VI, Boston.

103. Bound volume: course of study in literature, Roger Wolcott School, Boston.

104. Bound volume: pupils' work, language, grade I, Boston.
105. Bound volume: pupils' work, language, reproduction, grade I, Boston.
106. Bound volume: pupils' work, language, grade II, Boston.
107. Bound volume: pupils' work, language, grade II, Boston.
108. Bound volume: pupils' work, language, grade III, Boston.
109. Bound volume: pupils' work, language, grade III, Boston.
110. Bound volume: pupils' work, language, grade III, Boston.
111. Bound volume: pupils' work, reproduction, grade IV, Boston.
112. Bound volume: pupils' work, composition, grade IV, Boston.
113. Bound volume: pupils' work, composition, grade IV, Boston.
114. Bound volume: pupils' work, grammar, grade IV, Boston.
115. Bound volume: pupils' work, literature, grade IV, Boston.
116. Bound volume: pupils' work, composition, grade V, Boston.
117. Bound volume: pupils' work, dictation, grade V, Boston.
118. Bound volume: pupils' work, literature, grade V, Boston.
119. Bound volume: pupils' work, grammar, grade V, Boston.
120. Framed picture: Dorchester High School, Boston.
121. Wall frame: manual training, grade VII, Boston.
122. Cabinet No. 10: language exhibit, grades VI-IX, Boston.
123. Show case: pupils' literature note books, Boston.
124. Bound volume: pupils' work, reproduction, grade VI, Boston.
125. Bound volume: pupils' work, composition, grade VI, Boston.
126. Bound volume: pupils' work, composition, grade VI, Boston.
127. Bound volume: pupils' work, composition, grade VI, Boston.
128. Bound volume: pupils' work, literature, grade VI, Boston.
129. Bound volume: pupils' work, dictation and reproduction, grade VII, Boston.
130. Bound volume: pupils' work, composition, grade VII, Boston.
131. Bound volume: pupils' work, literature, grade VII, Boston.

132. Bound volume: pupils' work, literature, grade VII, Boston.

133. Bound volume: pupils' work, dictation, grade VIII, Boston.

134. Bound volume: pupils' work, composition, grade VIII, Boston.

135. Bound volume: pupils' work, composition, grade VIII, Boston.

136. Bound volume: pupils' work, literature, grade VIII, Boston.

137. Bound volume: pupils' work, grammar, grade IX, Boston.

138. Bound volume: pupils' work, composition, grade IX, Boston.

139. Bound volume: pupils' work, literature, grade IX, Boston.

140. Bound volume: pupils' work, literature, grade IX, Boston.

141. Bound volume: pupils' work, English, grade IX, Boston.

142. Cabinet No. 11: cooking exhibit, grades VII, VIII, Boston.

143. Show case: cooking utensils, Boston.

144. Bound volume: pupils' work, cooking exhibit, 1st year, Boston.

145. Bound volume: pupils' work, cooking exhibit, 2d year, Boston.

146. Framed picture: high school regiment, Boston.

147. Wall frame: course of study in manual training, Boston.

148. Cabinet No. 12: manual training exhibit, grades IV-IX and high schools, Boston.

149. Show case: manual training models, Boston.

150. Drawer: manual training models, basketry, grade VII, Boston.

151. Drawer: inventional work of grade VI, Boston.

152. Cabinet No. 13: English and history exhibit, high schools, Boston.

153. Show case: pupils' note books in English and history, high schools, Boston.

154. Bound volumes: pupils' work, English, I year, high schools, Boston.

155. Bound volumes: pupils' work, English, II year, high schools, Boston.

156. Bound volume: pupils' work, English, II year, high schools, Boston.

157. Bound volume: pupils' work, progressive exhibit, I-II years, high schools, Boston.

158. Bound volume: English, III year, high schools, Boston.

159. Bound volume: English, IV year, high schools, Boston.

160. Bound volume: progressive exhibit, III-IV year, high schools, Boston.

161. Bound volume: progressive exhibit, I-IV year, high schools, Boston.

162. Bound volume: pupils' work, Greek, I year, high schools, Boston.

163. Bound volume: pupils' work, Greek, I year, high schools, Boston.

164. Bound volume: pupils' work, Greek, II year, high schools, Boston.

165. Bound volume: pupils' work, Greek, II year, high schools, Boston.

166. Bound volume: pupils' work, Greek, II year, high schools, Boston.

167. Bound volume: pupils' work, Greek, III year, high schools, Boston.

168. Bound volume: pupils' work, ancient history, I year, high schools, Boston.

169. Bound volume: pupils' work, Greek history, I year, high schools, Boston.

170. Bound volume: pupils' work, mediæval history, II year, high schools, Boston.

171. Bound volume: pupils' work, modern history, III year, high schools, Boston.

172. Bound volume: pupils' work, U. S. and Greek history, IV year, high schools, Boston.

173. Bound volume: pupils' work, U. S. and Greek history, IV year, high schools, Boston.

174. Bound volume: pupils' work, English, Mechanic Arts, High School, Boston.

175. Bound volume: pupils' work, history and science, Mechanic Arts High School, Boston.

176. Framed picture: Roxbury high school, Boston.

177. Wall frame: manual training exhibit, grade VII, Boston.

178. Cabinet No. 14: commercial branches exhibit, high schools, Boston.

179. Show case: illustrative material, Boston.

180. Bound volume: pupils' work, commercial arithmetic, high schools, I year, Boston.

181. Bound volume: pupils' work, typewriting, high schools, I year, Boston.

182. Bound volume: pupils' work, phonography, high schools, I year, Boston.

183. Bound volume: pupils' work, commercial law, high schools, II year, Boston.

184. Bound volume: pupils' work, commercial work, phonography, high schools, II and III years, Boston.

185. Bound volume: pupils' work, phonography, high schools, II and III years, Boston.

186. Bound volumes: pupils' work, civic-economics, high schools, II year, Boston.

187. Bound volume: pupils' work, typewriting, high schools, Boston.

188. Bound volume: pupils' work, botany, high schools, Boston.

189. Bound volume: pupils' work, botany, high schools, Boston.

190. Bound volume: pupils' work, zoology, high schools, Boston.

191. Bound volume: pupils' work, zoology, high schools, Boston.

192. Cabinet No. 15: biology exhibit, high schools, Boston.

193. Show case: pupils' note books, biology exhibit, high schools, Boston.

194. Free Evening Industrial Drawing School Exhibit, Charlestown School, Boston.

195. Free Evening Industrial Drawing School Exhibit, Roxbury School, Boston.

196. Free Evening Industrial Drawing School Exhibit, East Boston School, Boston.

197. Free Evening Industrial Drawing School Exhibit, Columbia School, Boston.

198. Free Evening Industrial Drawing School Exhibit, Warren Ave. School, Boston.

199. Free Evening Industrial Drawing School Exhibit, School of Design, Boston.

200. Framed picture: Minot School, Boston.

201. Wall frame: manual training exhibit, grade VIII, Boston.

202. Cabinet No. 16: biology exhibit, high schools, Boston.

203. Cabinet No. 17: drawing exhibit, high schools, Boston.

204. Framed picture: Winship School, Boston.

205. Wall frame: manual training exhibit, grade IX, Boston.

206. Cabinet No. 18: mathematics exhibit, high schools, Boston.

207. Bound volumes: pupils' work, elementary algebra, Vol. I, high schools, Boston.

208. Bound volume: pupils' work, elementary algebra, Vol. II, high schools, Boston.

209. Bound volume: pupils' work, mathematics, Mechanic Arts High School, Vol. IV, Boston.

210. Bound volume: pupils' work, mathematics, English High School, Boston.

211. Bound volume: pupils' work, plane geometry, Girl's High School, Boston.

212. Bound volume: pupils' work, plane geometry, high schools, Boston.

213. Bound volume: pupils' work, solid geometry, high schools, Boston.

214. Cabinet No. 19: foreign language exhibit, high schools, Boston.

215. Bound volume: pupils' work, Latin, high schools' Boston.

216. Bound volume; pupils' work, Latin, high schools, Boston.

217. Bound volume: pupils' work, Latin, high schools, Boston.

218. Bound volume: pupils' work, Greek, high schools, Boston.

219. Bound volume: pupils' work, Latin and Greek, high schools, Boston.

220. Bound volume: pupils' work, Spanish, high schools, Boston.

221. Bound volume: pupils' work, French, I year, high schools, Boston.

222. Bound volume: pupils' work, French, I year, high schools, Boston.

223. Bound volume: pupils' work, French, II year, high schools, Boston.

224. Bound volume: pupils' work, French, III year, high schools, Boston.

225. Bound volume: pupils' work, French, IV year, high schools, Boston.

226. Bound volume: pupils' works, German, I year, high schools, Boston.

227. Bound volume: pupils' work, German, II year, high schools, Boston.

228. Bound volume: pupils' work, German, III-IV years, high schools, Boston.

229. Bound volume: pupils' work, French and German, Mechanic Arts High School, Boston.

230. Framed picture: proposed, Mechanic Arts High School, Boston.

231. Wall frame, manual training exhibit, grade IX, Boston.

232. Cabinet No. 20: chemistry exhibit, high schools, Boston.

233. Show case: slides, salts and chemical apparatus, high schools, Boston.

234. Bound volume: pupils' work, chemistry, I year, high schools, Boston.

235. Bound volume: pupils' work, chemistry, I year, high schools, Boston.

236. Bound volume: pupils' work, chemistry, II year, high schools, Boston.

237. Bound volume: pupils' work, chemistry, II year, high schools, Boston.

238. Bound volume: pupils' work, physics, high schools, Boston.

239. Framed picture: Ellis Wendall School, Boston.

240. Wall frame: manual training exhibit, high schools, Boston.

241. Cabinet No. 21: Mechanic Arts High School Exhibit, Boston.

242. Show case: manual training model, Mechanic Arts High School, Boston.

243. Drawer: manual training, forging exhibit, II year, Mechanic Arts High School, Boston.

244. Drawer: manual training, woodworking exhibit, II year, Mechanic Arts High School, Boston.

245. Drawer: manual training, woodworking exhibit, II year, Mechanic Arts High School, Boston.

246. Cabinet No. 22: physics exhibit, high schools, Boston.
247. Framed picture: South Boston High School, Boston.
248. Cabinet No. 23: school administration, Boston.
249. Cabinet No. 24: city normal school, Boston.
250. Show case: normal school exhibit, Boston.
257-325. Documents and Reports of City of Boston.
326. Cabinet No. 25: evening high schools exhibit, Boston.
327. Show case: South Boston educational center exhibit, Boston.
328. Bound volume: pupils' work, beginners, evening high schools, Boston.
329. Bound volume: pupils' work, miscellaneous, evening high schools, Boston.
330. Bound volume: pupils' work, stenography, evening high schools, Boston.
331. Bound volume: pupils' work, stenography, evening high schools, Boston.
332. Bound volume: pupils' work, dictation, evening high schools, Boston.
333. Bound volume: pupils' work, English, evening high schools, Boston.
334. Bound volume: pupils' work, English, evening high schools, Boston.
335. Bound volume: pupils' work, penmanship, evening high schools, Boston.
336. Cabinet No. 26: Horace Mann School for the Deaf exhibit, grades I-IX, Boston.
337. Cabinet No. 27: evening elementary schools exhibit. Boston.
338. Cabinet No. 28: evening high schools exhibit, Boston.
339. Show case: evening high schools exhibit, photographs of classes, Boston.
340. Cabinet No. 29: sewing exhibit, grades IV-IX, Boston.
341. Show case: sewing exhibit, Boston.
342. Drawer: sewing exhibit, Boston.
343. Drawer: sewing exhibit, Boston.
344. Cabinet No. 30: educational centers exhibit, Boston.
345. Show case: educational centers exhibit, millinery, Boston.
346. Drawer: educational centers exhibit, millinery, Boston.
347. Drawer: educational centers exhibit, millinery, Boston.

348. Framed picture: Pierce Primary School, Newton.

349. Cabinet No. 32: drawing exhibit—nature, decoration, object, composition, Newton.

350. Cabinet No. 33: drawing exhibit, color, decoration, lettering, construction, Newton.

351. Bust: modelled from life, State Normal Art School, Boston.

352. Cabinet No. 34: drawing exhibit, grades I-VIII, State Practice School, Fitchburg.

353. Framed picture: State Normal School, Fitchburg.

354. Framed picture: State Normal School, Fitchburg.

355. Framed picture: high schools and plans, New Bedford.

356. Framed picture: Normal School, Fitchburg.

357. Framed picture: Pauline Street School, Winthrop.

358. Model from the antique, State normal Art School, Boston.

359. Cabinet No. 35: drawing exhibit, Athol, Pepperell, Northampton.

360. Bound volume: pupils' work, English, grade IV, Northampton.

361. Bound volume: pupils' work, miscellaneous, grade IV, Northampton.

362. Bound volume: pupils' work, miscellaneous, grade V, Northampton.

363. Bound volume: pupils' work, miscellaneous, grade VI, Northampton.

364. Bound volume: pupils' work, English, grade VII, Northampton.

365. Bound volume: pupils' work, miscellaneous, grade VII, Northampton.

366. Bound volume: pupils' work, miscellaneous, grade VII, Northampton.

367. Bound volume: pupils' work, miscellaneous, grades VIII-IX, Northampton.

368. Bound volume: pupils' work, school paper, grade IX, Northampton.

369. Bound volume: pupils' work English, grade IX, Northampton.

370. Bound volume: pupils' work, English, high school, Northampton.

371. Bound volume: pupils' work, English and science, high school, Northampton.
372. Bound volume: pupils' work, Latin and Greek, high school, Northampton.
373. Bound volume: pupils' work, drawing, grades I-IV, Pepperell.
374. Framed picture: State Boulevard, Revere.
375. Cabinet No. 36: pupils' work, drawing and writing, grades I-IX, Revere.
376. Bound volume: reproduction, grades V-VIII, Revere.
377. Bound volume, miscellaneous, grades VII-VIII.
378. Bound volume: language, grade IX.
379. Bound volume: pupils' work, miscellaneous, Revere.
380. Framed picture: Yachting View, Winthrop.
381. Cabinet No. 37: pupils' work, drawing, grades I-IX and high school, Winthrop.
382. Show case: pupils' work, applied design, Winthrop.
383. Bound volume: pupils' work, drawing, grade I, Athol.
384. Bound volume: pupils' work, drawing, grades II-IX, Athol.
385. Bound volume: pupils' work, arithmetic, grade VIII, Athol.
386. Bound volume: pupils'work, arithmetic, grade IX, Athol.
387. Bound volume: pupils' work, geography, grade II, Athol.
388. Bound volume: pupils' work, geography, grade III, Athol.
389. Bound volume: pupils' work, geography, grade IV, Athol.
390. Bound volume: pupils' work, geography, grade V, Athol.
391. Bound volume: pupils' work, geography, grade V, Athol.
392. Bound volume: pupils' work, geography, grade V, Athol.
393. Bound volume: pupils' work, geography, grade V, Athol.
394. Bound volume: pupils' work, geography, grade V, Athol.
395. Bound volume: pupils' work, geography, grade VI, Athol.
396. Bound volume: pupils' work, geography, grade VI, Athol.
397. Bound volume: pupils' work, geography, grade VII, Athol.
398. Bound volume: pupils' work, grammar, grade VIII, Athol.
399. Bound volume: pupils' work, history, grade VIII, Athol.
400. Bound volume: pupils' work, history, grade VIII, Athol.
401. Bound volume: pupils' work, history, grade VIII, Athol.
402. Bound volume: pupils' work, history, grade VIII, Athol.
403. Bound volume: pupils' work, history, grade IX, Athol.

404. Bound volume: pupils' work, history, grade IX, Athol.

405. Bound volume: pupils' work, miscellaneous, grade III, Athol.

406. Bound volume: pupils' work, miscellaneous, grade III, Athol.

407. Bound volume: pupils' work, miscellaneous, grades IV-V, Athol.

408. Bound volume: pupils' work, miscellaneous, grades VI-VII, Athol.

409. Bound volume: pupils' work, miscellaneous, Athol.

410. Bound volume: pupils' work, language, high school, Athol.

411. Bound volume: pupils' work, history, high school, Athol.

412. Bound volume: pupils' work, history, high school, Athol.

413. Bound volume: pupils' work, miscellaneous, high school, Athol.

414. Bound volume: pupils' work, miscellaneous, high school, Athol.

415. Framed picture: penmanship, Lawrence.

416. Cabinet No. 38: writing exhibit, grades I-IX, Lawrence.

417. Bound volume: pupils' work, penmanship, grade I, Lawrence.

418. Bound volume: pupils' work, penmanship, grade I, Lawrence.

419. Bound volume: pupils' work, penmanship, grade I, Lawrence.

420. Bound volume: pupils' work, penmanship, grade II, Lawrence.

421. Bound volume: pupils' work, penmanship, grade II, Lawrence.

422. Bound volume: pupils' work, penmanship, grade III, Lawrence.

423. Bound volume: pupils' work, penmanship, grade III, Lawrence.

424. Bound volume: pupils' work, penmanship, grade III-IV, Lawrence.

425. Bound volume: pupils' work, penmanship, grade IV, Lawrence.

426. Bound volume: pupils' work, penmanship, grade IV, Lawrence.

427. Bound volume: pupils' work, penmanship, grade IV, Lawrence.

428. Bound volume: pupils' work, penmanship, grade V, Lawrence.

429. Bound volume: pupils' work, penmanship, grade V, Lawrence.

430. Bound volume: pupils' work, penmanship, grade V, Lawrence.

431. Bound volume: pupils' work, penmanship, grade VI, Lawrence.

432. Bound volume: pupils' work, penmanship, grade VI, Lawrence.

433. Bound volume: pupils' work, penmanship, grade VII, Lawrence.

434. Bound volume: pupils' work, penmanship, grade VII, Lawrence.

435. Bound volume: pupils' work, penmanship, grade VII, Lawrence.

436. Bound volume: pupils' work, penmanship, grades VII-VIII, Lawrence.

437. Bound volume: pupils' work, penmanship, grades V, VI, VII, VIII, Lawrence.

438. Bound volume: pupils' work, penmanship, grades IV, V, VI, Lawrence.

439. Bound volume: pupils' work, penmanship, grades VII, VIII, Lawrence.

440. Bound volume: pupils' work, penmanship, grades VI, VII, Lawrence.

441. Bound volume: pupils' work, penmanship, grades IV-VI, Lawrence.

442. Bound volume: pupils' work, penmanship, grades VII, VIII, Lawrence.

443. Bound volume: pupils' work, penmanship, grades I, II, III, Lawrence.

444. Bound volume: pupils' work, penmanship, grade VIII, Lawrence.

445. Framed picture: penmanship, Somerville.

446. Cabinet No. 39: penmanship exhibit, Somerville, grades I-IX.

447. Bust: model from life, Massachusetts Normal Art School, Boston.

448. Framed picture: evening drawing school exhibit, Lowell.

449. Framed picture: evening drawing school exhibit, Lowell.

450. Cabinet No. 40: drawing, grades I-IX, Haverhill.

451. Folio: pupils' work, arithmetic, grades VI. VII, VIII, IX, Haverhill.

453. Holmes Emergency Case, Haverhill.

454. Bound volume: teacher's plan book, Haverhill.

455. Bound volume: pupils' work, miscellaneous, Haverhill.

456. Bound volume: pupils' work, dictation, grades V, VI, VIII, XI, Haverhill.

457. Bound volume: pupils' work, composition, grades V. VI, VIII, IX, Haverhill.

458. Bound volume: pupils' work, language, grades VI, VII, VIII, IX, Haverhill.

459. Bound volume: pupils' work, geography, grades V, VI, VIII, IX, Haverhill.

460. Bound volume: pupils' work, arithmetic, grades I, II, III, IV, V, Haverhill.

461. Bound volume: pupils' work, cooking exhibit, grade IX, Haverhill.

462. Bound volume: pupils' work, cooking exhibit, grade IX, Haverhill.

463. Bound volume: pupils' work, cooking exhibit, grade IX, Haverhill.

464. Bound volume: pupils' work, cooking exhibit, grade IX, Haverhill.

465. Bound volume: pupils' work, cooking exhibit, grade IX, Haverhill.

466. Bound volume: pupils' work, cooking exhibit, grade IX, Haverhill.

467. Bound volume: pupils' work, English, grade IV, Haverhill.

468. Bound volume: pupils' work, English, grade II, Haverhill.

469. Bound volume: pupils' work, dictation, grade III, Haverhill.

470. Bound volume: pupils' work, miscellaneous, Haverhill.

471. Framed picture: Edward Everett Hale School, Everett.

472. Framed picture: Lincoln School, Everett.

473. Cabinet No. 41: history exhibit, grades I-IX, Everett.

474. Bound volume: pupils' work, history, grade I, Everett.
475. Bound volume: pupils' work history, grade II, Everett.
476. Bound volume: pupils' work, history, grade II, Everett.
477. Bound volume: pupils' work, history, grade III, Everett.
478. Bound volume: pupils' work, history, grade III, Everett.
479. Bound volume: pupils' work, history, grade IV, Everett.
480. Bound volume: pupils' work, history, grade IV, Everett.
481. Bound volume: pupils' work, history, grade V, Everett.
482. Bound volume: pupils' work, history, grade VI, Everett.
483. Bound volume: pupils' work, history, grade VI, Everett.
484. Bound volume: pupils' work, history, grade VII, Everett.
485. Bound volume: pupils' work, history, grade VII, Everett.
486. Bound volume: pupils' work, history, grade VIII, Everett.
487. Bound volume: pupils' work, history, grades VIII-IX, Everett.
488. Bound volume: pupils' work, history, grade IX, Everett.
489. Bound volume: pupils' work, history, grades I, II, III, V, Everett.
490. Bound volume: pupils' work, history, grades III, IV, IX, Everett.
491. Bound volume: pupils' work, history, grades V, VII, IX, Everett.
492. Bound volume: pupils' work, history, grades VII, VIII, IX, Everett.
493. Bound volume: pupils' work, miscellaneous, Everett.
494. Framed picture: State Normal School, Lowell.
495. Framed picture: Bartlett Training School, Lowell.
496. Cabinet No 42: history exhibit, pupils' work, grades I-IX, State Normal Training School, Lowell.
497. Show case: history exhibit pupils' work, State Normal Training School, Lowell.
498. Bound volume: Liberty documents, show case, State Normal Training School, Lowell.
499. Drawer: history exhibit, pupils' work, State Normal Training School, Lowell.
500. Drawer: history exhibit, pupils' work, State Normal Training School, Lowell.
501. Bound volume: pupils' work, history, State Normal Training School, Lowell.

502. Bound volume: pupils' work, history, State Normal Training School, Lowell.

503. Bound volume: pupils' work, history, State Normal Training School, Lowell.

504. Bound volume: pupils' work, history, State Normal Training School, Lowell.

505. Bound volume: pupils' work, history, State Normal Training School, Lowell.

506. Bound volume: pupils' work, history, State Normal Training School, Lowell.

507. Bound volume: pupils' work, history, State Normal School, Lowell.

508. Bound volume: pupils' work, history, State Normal Training School, Lowell.

509. Bound volume: pupils' work, history, State Normal Training School, Lowell.

510. Framed picture: evening drawing school, Lowell.

511. Framed picture: G ammar School, Clinton.

512. Cabinet No. 43: language exhibit, grades I-IX, Clinton.

513. Show case: h me-made physical appara us, Clinton.

514. Bound volume: pupils' work, language, grade I, Clinton.

515. Bound volume: pupils' w rk, language, grade II, Clinton.

516. Bound volume: pupils' work, language, grade III, Clinton.

517. Bound volume: pupils' work, language, grade IV, Clinton.

518. Bound volume: pupils' work, language, grade V, Clinton.

519. Bound volume: pupils' work, language, grade VII, Clinton.

520. Bound volume: pupils' work, language, grade VII, Clinton.

521. Bound volume: pupils' work, language, grade VII, Clinton.

522. Bound volume: pupils' work, language, grade VIII, Clinton.

523. Bound volume: pupils' work, language, grade VIII, Clinton.

524. Bound volume: pupils' work, language, grade VIII, Clinton.

525. Bound volume: pupils' work, language, grade IX, Clinton.

526. Bound volume: pupils' work, language, grade IX, Clinton.

527. Bound volume: pupils' work, language, high school, Clinton.

528. Bound volume: pupils' work, language, high school, Clinton.

529. Bound volume: pupils' work, language, grades I, II, Gardner.

530. Bound volume: pupils' work, language, grade III, Gardner.

531. Bound volume: pupils' work, language, grade IV, Gardner.

532. Bound volume: pupils' work, language, grade V, Gardner.

533. Bound volume: pupils' work, language, grade VI, Gardner.

534. Bound volume: pupils' work, language, grade VII, Gardner.

535. Bound volume: pupils' work, language, grade VIII, Gardner.

536. Bound volume: pupils' work, language, grade VIII, Gardner.

537. Bound volume: pupils' work, language, high school, Gardner.

538. Bound volume: pupils's work, drawing, Gardner.

539. Framed picture: evening drawing school, Lowell.

540. Framed picture: evening drawing school, Lowell.

541. Cabinet No. 44: historical exhibit, pupils' work, Philadelphia, '76, Lowell and New Bedford.

542. Bound volume: pupils' work, penmanship, 1876, grades I, II, III, Lowell.

543. Bound volumes: pupils' work, penmanship, 1876, grades IV, V, Lowell.

544. Bound volumes: pupils' work, penmanship, 1876, grade V, Lowell.

545. Bound volume: pupils' work, history, 1876, grades IV, V, Lowell.

546. Bound volume: pupils' work, grammar, 1876, grades III, IV, Lowell.

547. Bound volume: pupils' work, grammar, 1876, grade V, Lowell.

548. Bound volume: pupils' work, arithmetic, 1876, grades I, II, Lowell.

549. Bound volume: pupils' work, arithmetic, 1876, grade V, Lowell.

550. Bound volume: pupils' work, geography, 1876, grades I, II, Lowell.

551. Bound volume: pupils' work, geography, 1876, grades III, IV, Lowell.

552. Bound volume: pupils' work, geography, 1876, grade V, Lowell.

553. Bound volume: pupils' work, spelling, 1876, grades I, II, Lowell.

554. Bound volume: pupils' work, spelling, 1876, grades III, IV, Lowell.

555. Bound volume: pupils' work, spelling, 1876, grade V, Lowell.

556. Bound volume: pupils' work, drawing, 1876, grades I, II, Lowell.

557. Bound volume: pupils' work, drawing, 1876, grade III, Lowell.

558. Bound volume: pupils' work, drawing, 1876, grade IV, Lowell.

559. Bound volume: pupils' work, drawing, 1876, grade V, Lowell.

560. Bound volume: pupils' work, spelling, 1876, grade III, New Bedford.

561. Bound volume: pupils' work, spelling, 1876, grade IV, New Bedford.

562. Bound volume: pupils' work, spelling, 1876, grade VII, New Bedford.

563. Bound volume: pupils' work, arithmetic, 1876, grade IV, New Bedford.

564. Bound volume: pupils' work, arithmetic, 1876, grade V, New Bedford.

565. Bound volume: pupils' work, arithmetic, 1876, grade VI, New Bedford.

566. Bound volume: pupils' work, grammar, 1876, grade IV, New Bedford.

567. Bound volume: pupils' work, language, 1876, grade III,

568. Bound volume: pupils' work, composition, 1876, grade VIII, New Bedford.

569. Bound volume: pupils' work, history, 1876, grade III, New Bedford.

570. Bound volume: pupils' work, music, 1876, grade X, New Bedford.

571. Bound volume: pupils' work, geography, 1876, New Bedford.

572. Bound volume: pupils' work, map drawing, 1876, New Bedford.

573. Model from antique, Normal Art School, Boston.

574. Framed picture: high school, Gardner.

575. Cabinet No. 45: language exhibit, Gardner; arithmetic exhibit, Orange.

576. Bound volume: arithmetic, grade II, Orange.

577. Bound volume: arithmetic, grade III, Orange.

578. Bound volume: arithmetic, grade IV, Orange.

579. Bound volume: arithmetic, grade V, Orange.

580. Bound volume: arithmetic, grade VI, Orange.

581. Bound volume, arithmetic, grade VII, Orange.

582. Bound volume: arithmetic, grade VIII, Orange,

583. Bound volume: arithmetic, grade IX, Orange.

584. Framed picture: Hodgkins School, Somerville.

585. Cabinet No. 46: language exhibit, grade I-IX, Somerville.

586. Bound volume: pupils' work, language, grade I, Somerville.

587. Bound volume: pupils' work, language, grade II, Somerville.

588. Bound volume: pupils' work, language, grade III, Somerville.

589. Bound volume: pupils' work, language, grade III, Somerville.

590. Bound volume: pupils' work, language, grade III, Somerville.

591. Bound volume: pupils' work, language, grade IV, Somerville.

592. Bound volume: pupils' work, language, grade IV, Somerville.

593. Bound volume: pupils' work, language, grade IV, Somerville.

594. Bound volume: pupils' work, language, grade V, Somerville.

595. Bound volume: pupils' work, language, grade V, Somerville.

596. Bound volume: pupils' work, language, grade V, Somerville.
597. Bound volume: pupils' work, language, grade V, Somerville.
598. Bound volume: pupils' work, language, grade VI, Somerville.
599. Bound volume: pupils' work, language, grade VI, Somerville.
600. Bound volume, pupils' work, language, grade VI, Somerville.
601. Bound volume: pupils' work, language, grade VII, Somerville.
602. Bound volume: pupils' work, language, grade VII, Somerville.
603. Bound volume: pupils' work, language, grade VII, Somerville.
604. Bound volume: pupils' work, language, grade VII, Somerville.
605. Bound volume: pupils' work, language, grade VII, Somerville.
606. Bound volume: pupils' work, language, grade VIII, Somerville.
607. Bound volume: pupils' work, language, grade VIII, Somerville.
608. Bound volume: pupils' work, language, grade VIII, Somerville.
609. Bound volume: pupils' work, language, grade VIII, Somerville.
610. Bound volume: pupils' work, language, grade VIII, Somerville.
611. Bound volume: pupils' work, language, grade VIII, Somerville.
612. Bound volume: pupils' work, language, grades VIII-IX, Somerville.
613. Bound volume: pupils' work, language, grade IX, Somerville.
614. Bound volume: pupils' work, language, grade IX, Somerville.
615. Bound volume: pupils' work, language, grade IX, Somerville.

616. Bound volume: pupils' work, language, grade IX, Somerville.

617. Wall frame: manual training models, high school, Brookline.

618. Cabinet No. 47: industrial training, grades I-IV, Brookline.

619. Show case: industrial training, grades IV, V, VI, Brookline.

620. Drawer: industrial training, grades IV, V, Brookline.

621. Drawer: industrial training, grades IV, V, Brookline.

622. Drawer: industrial training, grade VI, Brookline.

623. Drawer: industrial training, grade VII, Brookline.

624. Bound volume: Progressive Lessons in Needlework, Brookline.

625. Cabinet No. 49: sewing, grades V-IX, Brookline.

626. Show case: manual training models, grades V-VII, Brookline.

627. Drawer: manual training models, grade VIII, Brookline.

628. Drawer: manual training models, grade VIII, Brookline.

629. Drawer: manual training models, grade IX, Brookline.

630. Drawer: foundry work, high school, Brookline.

631. Cabinet No. 49: manual training, high school, I-IV year, Brookline.

632. Show case: manual training, high school, II year, Brookline.

633. Drawer: manual training, high school, II year, Brookline.

634. Drawer, manual training, high school, III year, Brookline.

635. Drawer: manual training, tool work, high school, IV year, Brookline.

636. Drawer: manual training, copper work, high school, I year, Brookline.

637. Framed picture: bird's-eye view of New Bedford.

638. Cabinet No. 50: sewing exhibit, grades IV-VIII, New Bedford.

639. Show case: sewing exhibit, grades V-VII, New Bedford.

640. Drawer: sewing exhibit, grade VII, New Bedford.

641. Drawer: sewing exhibit, grade VII, New Bedford.

642. Drawer: sewing exhibit, grade VII, New Bedford.

643. Drawer: switchboard, pupils' work, Clinton.

644. Framed picture: manual training and cooking school, New Bedford.

645. Framed picture: country school, New Bedford.

646. Cabinet No. 51: literature, grades I-IX, New Bedford.

647. Show case: literature, grades I-IX, New Bedford.

648. Bound volume: pupils' work, literature, grade I, New Bedford.

649. Bound volume: pupils' work, literature, grade II, New Bedford.

650. Bound volume: pupils' work, literature, grade III, New Bedford.

651. Bound volume: pupils' work, literature, grade III, New Bedford.

652. Bound volume: pupils' work, literature, grade IV, New Bedford.

653. Bound volume: pupils' work, literature, grade IV, New Bedford.

654. Bound volume: pupils' work, literature, grade V, New Bedford.

655. Bound volume: pupils' work, literature, grade V, New Bedford.

656. Bound volume: pupils' work, literature, grade VI, New Bedford.

657. Bound volume: pupils' work, literature, grade VI, New Bedford.

658. Bound volume: pupils' work, literature, grade VI, New Bedford.

659. Bound volume: pupils' work, literature, grade VII, New Bedford.

660. Bound volume: pupils' work, literature, grade VIII, New Bedford.

661. Bound volume: pupils' work, literature, grade VIII, New Bedford.

662. Bound volume: pupils' work, literature, grade IX, New Bedford.

663. Bound volume: pupils' work, literature, grade IX, New Bedford.

664. Bound volume: pupils' work, literature, grade IX, New Bedford.

665. Framed views of Administration Building, New Bedford.

666. Cabinet No. 52: language exhibit, grades I-IX, New Bedford.

667. Show case: bound volumes course of study, New Bedford.

668. Bound volume: pupils' work, language, grade I, New Bedford.

669. Bound volume: pupils' work, language, grade I, New Bedford.

670. Bound volume: pupils' work, language, grade II, New Bedford.

671. Bound volume: pupils' work, language, grade II, New Bedford.

672. Bound volume: pupils' work, language, grade II, New Bedford.

673. Bound volume: pupils' work, language, grade II, New Bedford.

674. Bound volume: pupils' work, language, grade II, New Bedford.

675. Bound volume: pupils' work, language, grade III, New Bedford.

676. Bound volume: pupils' work, language, grade III, New Bedford.

677. Bound volume: pupils' work, language, grade IV, New Bedford.

678. Bound volume: pupils' work, language, grade IV, New Bedford.

679. Bound volume: pupils' work, language, grade V, New Bedford.

680. Bound volume: pupils' work, language, grade V, New Bedford.

681. Bound volume: pupils' work, language, grade V, New Bedford.

682. Bound volume: pupils' work, language, grade VI, New Bedford.

683. Bound volume: pupils' work, language, grade VI, New Bedford.

684. Bound volume: pupils' work, language, grade VI, New Bedford.

685. Bound volume: pupils' work, language, grade VI, New Bedford.

686. Bound volume: pupils' work, language, grade VII, New Bedford.

687. Bound volume: pupils' work, language, grade VII, New Bedford.

688. Bound volume: pupils' work, language, grade VII, New Bedford.

689. Bound volume: pupils' work, language, grade VIII, New Bedford.

690. Bound volume: pupils' work, language, grade VIII, New Bedford.

691. Bound volume: pupils' work, language, grade VIII, New Bedford.

692. Bound volume: pupils' work, language, grade IX, New Bedford.

693. Bound volume: pupils' work, language, grade IX, New Bedford.

694. Framed picture: Linden Street School, New Bedford.

695. Cabinet No. 53: drawing exhibit, grades I-IX, New Bedford.

696. Show case: drawing exhibit, construction work, New Bedford.

697. Folio: sewing exhibit, grade IV, New Bedford.

698. Folio: sewing exhibit, grades V, VI, VII, New Bedford.

699. Folio: drawing, Sloyd system, New Bedford.

700. Folio: pupils' work, drawing, kindergarten, New Bedford.

701. Folio: pupils' work, drawing, grade I, New Bedford.

703. Folio: pupils' work, drawing, grade II, New Bedford.

704. Folio: pupils' work, drawing, grade III, New Bedford.

705. Folio: pupils' work, drawing, grade III, New Bedford.

706. Folio: pupils' work, drawing, grade IV, New Bedford.

707. Folio: pupils' work, drawing, grade IV, New Bedford.

708. Folio: pupils' work, drawing, grade V, New Bedford.

709. Folio: pupils' work, drawing, grade V, New Bedford.

710. Folio: pupils' work, drawing, grade VI, New Bedford.

711. Folio: pupils' work, drawing, grade VI, New Bedford.

712. Folio: pupils' work, drawing grade VII, New Bedford.

713. Folio: pupils' work, drawing, grade VII, New Bedford.

714. Folio: pupils' work, drawing, grade VIII, New Bedford.

715. Folio: pupils' work, drawing, grade VIII, New Bedford.

716. Folio: pupils' work, drawing, grade IX, New Bedford.

717. Folio: pupils' work, drawing, grade IX, New Bedford.

718. Bound volumes: supplementary reading, New Bedford.

719. Framed picture: typical primary school and room, New Bedford.

720. Cabinet No. 54: classified exercises, I-IV year, high school, New Bedford.

721. Show case: drawing, high school, New Bedford.

722. Bound volume: pupils' work, high school, science, I year, New Bedford.

723. Bound volume: pupils' work, high school, botany, II year, New Bedford.

724. Bound volume: pupils' work, high school, physics, III New Bedford.

725. Bound volume: pupils' work, high school, physics, III-IV year, New Bedford.

726. Bound volume: pupils' work, high school, chemistry, IV year, New Bedford.

727. Bound volume: pupils' work, high school, chemistry, IV year, New Bedford.

728. Bound volume: pupils' work, high school, arithmetic, III year, New Bedford.

729. Bound volume: pupils' work, high school, arithmetic, III year, New Bedford.

730. Bound volume: pupils' work, high school, geometry, II year, New Bedford.

731. Bound volume: pupils' work, high school, plane geometry, IV year, New Bedford.

732. Bound volume: pupils' work, high school, algebra, I year, New Bedford.

733. Bound volume: pupils' work, high school, algebra, III year, New Bedford.

734. Bound volume: pupils' work, high school, bookkeeping, I year, New Bedford.

735. Bound volume: pupils' work, high school, typewriting and stenography, II and III year, New Bedford.

736. Bound volume: pupils' work, high school, French, I-II year, New Bedford.

737. Bound volume: pupils' work, high school, French, III-IV years, New Bedford.

738. Bound volume: pupils' work, high school, French, III year, New Bedford.

739. Bound volume: algebra examination cards, high school, Fall River.

740. Bound volume: algebra examination cards, high school, Fall River.

741. Bound volume: algebra examination cards, high school, Fall River.

742. Bound volume: algebra examination cards, high school, Fall River.

743. Bound volume: algebra examination cards, high school, Fall River.

744. Framed picture: normal training school, New Bedford.

745. Cabinet No. 55: high school organization and miscellaneous, New Bedford.

746. Show case: drawing, high school, New Bedford.

747. Bound volume: pupils' work, high school, English, I year, New Bedford.

748. Bound volume: pupils' work, high school, English, I year, New Bedford.

749. Bound volume: pupils' work, high school, English, I year, New Bedford.

750. Bound volume: pupils' work, high school, I year, New Bedford.

751. Bound volume: pupils' work, high school, II year, New Bedford.

752. Bound volume: pupils' work, high school, English, II year, New Bedford.

753. Bound volume: pupils' work, high school, English, II year, New Bedford.

754. Bound volume: pupils' work, high school, English, II year, New Bedford.

755. Bound volume: pupils' work, high school, English, III year, New Bedford.

756. Bound volume: pupils' work, high school, English, III year, New Bedford.

757. Bound volume: pupils' work, high school, English, III year, New Bedford.

758. Bound volume: pupils' work, high school, English, III year, New Bedford.

759. Bound volume: pupils' work, high school, English, III year, New Bedford.

760. Bound volume: pupils' work, high school, English, IV year, New Bedford.

761. Bound volume: pupils' work, high school, English, IV year, New Bedford.

762. Bound volume: pupils' work, high school, German, II year, New Bedford.

763. Bound volume: pupils' work, high school, German, III, IV year, New Bedford.

764. Bound volume: pupils' work, high school, U. S. History, IV year, New Bedford.

765. Bound volume: pupils' work, high school, civil government, IV year, New Bedford.

766. Bound volume: pupils' work, high school, English history, III year, New Bedford.

767. Bound volume: pupils' work, high school, Latin, I year, New Bedford.

768. Bound volume: pupils' work, high school, Latin, II year, New Bedford.

769. Bound volume: pupils' work, high school, Latin, II year, New Bedford.

770. Bound volume:: pupils' work, high school, Latin, III year, New Bedford.

771. Bound volume: pupils' work, high school, Latin, IV year, New Bedford.

772. Bound volume: pupils' work, high school, Greek, II year, New Bedford.

773. Bound volume: pupils' work, high school, Greek, III year, New Bedford.

774. Bound volume: pupils' work, high school, Greek, III year, New Bedford.

775. Bound volume: pupils' work, high school, Greek, I-IV year, New Bedford.

776. Bound volume: pupils' work, high school, Greek history, I year, New Bedford.

776a. Bound volume: pupils' work, Greek history, I year, New Bedford.

777. Bound volume: pupils' work, high school, Greek history, I year, New Bedford.

778. Bound volume: pupils' work, high school, Greek history, I year, New Bedford.

778a. Bound volume: pupils' work, high school, Greek history, New Bedford.

779. Bound volume: pupils' work, high school, Roman history, II year, New Bedford.

780. Bound volume: pupils' work, high school, Roman history, II year, New Bedford.

781. Wall frame: manual training models, grade IX. Worcester.

782. Cabinet No. 56: drawing exhibit, grades I-IX, Worcester.

783. Show case: construction work, Worcester.

784. Bound volume: pupils' work, drawing, grade I, Worcester.

785. Bound volume: pupils' work, drawing, clothing, grade I, Worcester.

786. Bound volume: pupils' work, drawing, civic life, grade I, Worcester.

787. Bound volume: pupils' work, drawing, time, grade I, Worcester.

788. Bound volume: pupils' work, drawing, grade I, Worcester.

789. Bound volume: pupils' work, drawing, grade II, Worcester.

790. Bound volume: pupils' work, drawing, grade III, Worcester.

791. Bound volume: pupils' work, drawing, grade IV, Worcester.

792. Bound volume: pupils' work, drawing, grade V, Worcester.

793. Bound volume: pupils' work, drawing, grade VI, Worcester.

794. Bound volume: pupils' work, drawing, grade VII, Worcester.

795. Bound volume: pupils' work, drawing, grade VIII, Worcester.

796. Bound volume: pupils' work, drawing, grade IX, Worcester.

797. Bound volume: pupils' work, drawing, high school, Worcester.

798. Cabinet No. 57: evening schools and music, Worcester.

799. Show case, bound volume: evening school work, Worcester.

800. Show case: bound volume, evening school work, Worcester.

801. Show case: music manuals, by Charles I. Rice, Worcester.

802. Bound volume: pupils' work, evening school, language, beginners', Worcester.

803. Bound volume: pupils' work, evening school, language, beginners', Worcester.

804. Bound volume: pupils' work, evening school, language, beginners', Worcester.

805. Bound volume: pupils' work, evening school, language, beginners', Worcester.

806. Bound volume: pupils' work, evening school, language, beginners', Worcester.

807. Bound volume: pupils' work, evening school, language, I year, Worcester.

808. Bound volume: pupils' work, evening school, language, elementary, Worcester.

809. Bound volume: pupils' work, evening school, language, intermediate, Worcester.

810. Bound volume: pupils' work, evening school, language, advanced, Worcester.

811. Bound volume: pupils' work, evening school, language, advanced, Worcester.

812. Bound volume: pupils' work, evening school, language, ungraded, Worcester.

813. Bound volume: pupils' work, music, grades I-VI, Worcester.

814. Bound volume: pupils' work, music, grade VII-IX, Worcester.

815. Bound volume: pupils' work, music, grades VIII-IX, Worcester.

816. Bound volume: pupils' work, music, grades VIII-IX, Worcester.

817. Bound volume: pupils' work, geography, Worcester.

818. Bound volume: pupils' work, evening high school, phonography, Worcester.

819. Bound volume: pupils' work, evening high school, phonography, Worcester.

820. Bound volume: pupils' work, evening high school, typewriting, Worcester.

821. Bound volume: pupils' work, evening high school, bookkeeping, Worcester.

822. Bound volume: pupils' work, evening high school, algebra, Worcester.

823. Bound volume: pupils' work, evening high school, languages, Worcester.

824. Bound volume: pupils' work, evening high school, arithmetic, Worcester.

825. Bound volume: pupils' work, evening high school, arithmetic, Worcester.

826. Bound volume: pupils' work, evening high school, arithmetic, Worcester.

827. Bound volume: pupils' work, evening high school, English, Worcester.

828. Bound volume: pupils' work, evening high school, English, Worcester.

829. Bound volume: pupils' work, evening school, arithmetic, Worcester.

830. Wall frame: manual training models, high school, I year, Worcester.

831. Cabinet No. 58: kindergarten exhibit, Worcester.

832. Show case: kindergarten exhibit, Worcester.

833. Bound volume: kindergarten exercises, Worcester.

834. Bound volume: kindergarten exercises, Worcester.

835. Bound volume: kindergarten exercises, Worcester.

836. Bound volume: kindergarten exercises, Worcester.

837. Bound volume: kindergarten exercises, Worcester.

838. Bound volume: kindergarten exercises, Worcester.

839. Bound volume: kindergarten exercises, Worcester.

840. Bound volume: kindergarten exercises, Worcester.

841. Bound volume: kindergarten exercises, Worcester.

842. Bound volume: kindergarten exercises, Worcester.

843. Cabinet No. 59: language exhibit, grades I-IX, Worcester.

844. Show case: bound volume, pupils' work, language, grades I-IX, Worcester.

845. Show case: bound volume, pupils' work, language, grades I-IX, Worcester.

846. Show case: bound volume, pupils' work, language, grades I-IX, Worcester

847. Bound volume: pupils' work, language, grades I-IX, Worcester.

848. Bound volume: pupils' work, language, grades I-IX, Worcester.

849. Bound volume: pupils' work, language, grades I-IX, Worcester.

850. Bound volume: pupils' work, language, grades I-IX, Worcester.

851. Bound volume: pupils' work, language, grades I-IX, Worcester.

852. Bound volume: pupils' work, language, grades I-IX, Worcester.

853. Bound volume: pupils' work, language, grades I-IX, Worcester.

854. Bound volume: pupils' work, language, gardes I-IX, Worcester.

855. Bound volume: pupils' work, language, grades I-IX, Worcester.

856. Bound volume: pupils' work, language, grades I-IV, Worcester.

857. Bound volume: pupils' work, language, grades I-IV, Worcester.

858. Bound volume: pupils' work, language, grades I-IV, Worcester.

859. Bound volume: pupils' work, language, grades I-IV, Worcester.

860. Bound volume: pupils' work, language, grades I-IV, Worcester.

861. Bound volume: pupils' work, language, grades I-IV, Worcester.

862. Bound volume: pupils' work, language, grades I-IV, Worcester.

863. Bound volume: pupils' work, language, grades I-IV, Worcester.

864. Bound volume: pupils' work, language, grades V-IX, Worcester.

865. Bound volume: pupils' work, language, grades V-IX, Worcester.
866. Bound volume: pupils' work, language, grades V-IX, Worcester.
867. Bound volume: pupils' work, language, grades V-IX, Worcester.
868. Bound volume: pupils' work, language, grades V-IX, Worcester.
869. Bound volume: pupils' work, language, grades V-IX, Worcester.
870. Bound volume: pupils' work, language, grades V-IX, Worcester.
871. Bound volume: pupils' work, language, grades V-IX, Worcester.
872. Bound volume: pupils' work, language, grades V-IX, Worcester.
873. Wall frame: manual training exhibit, high school, II year, Worcester.
874. Cabinet No. 60: arithmetic exhibit, grades I-IX, Worcester.
875. Show case: bound volume, pupils' work, arithmetic, grades I-IX, Worcester.
876. Show case: bound volume, pupils' work, arithmetic, grades I-IX, Worcester.
877. Show case: bound volume, pupils' work, arithmetic, grades I-IX, Worcester.
878. Bound volume: pupils' work, number, grades I-IX, Worcester.
879. Bound volume: pupils' work, number, grades I-IX, Worcester.
880. Bound volume: pupils' work, number, grades I-IX, Worcester.
881. Bound volume: pupils' work, number, grades I-IX, Worcester.
882. Bound volume: pupils' work, number, grades I-IX, Worcester.
883. Bound volume: pupils' work, number, grades I-IX, Worcester.
884. Bound volume: pupils' work, number, grades I-IX, Worcester.

885. Bound volume: pupils' work, number, grades I-IX, Worcester.
886. Bound volume: pupils' work, number, grades I-IX, Worcester.
887. Bound volume: pupils' work, number, grades I-IX, Worcester.
888. Bound volume: pupils' work, number, grades I-IX, Worcester.
889. Bound volume: pupils' work, number, grades I-IX, Worcester.
890. Bound volume: pupils' work, number, grades I-V, Worcester.
891. Bound volume: pupils' work, number, grades I-V, Worcester.
892. Bound volume: pupils' work, number, grades I-V, Worcester.
893. Bound volume: pupils' work, number, grades I-V, Worcester.
894. Bound volume: pupils' work, number, grades I-V, Worcester.
895. Bound volume: pupils' work, number, grades I-V, Worcester.
896. Bound volume: pupils' work, number, grades I-V, Worcester.
897. Bound volume: pupils' work, number, grades I-V, Worcester.
898. Bound volume: pupils' work, number, grades VI-IX, Worcester.
899. Bound volume: pupils' work, number, grades VI-IX, Worcester.
900. Bound volume: pupils' work, number, grades VI-IX, Worcester.
901. Bound volume: pupils' work, number, grades VI-IX, Worcester.
902. Bound volume: pupils' work, number, grades VI-IX, Worcester.
903. Bound volume: pupils' work, number, grades VI-IX, Worcester.
904. Bound volume: pupils' work, number, grades VI-IX, Worcester.

905. Bound volume: pupils' work, number, grades VI-IX, Worcester.

906. Bound volume: pupils' work, number, grades VI-IX, Worcester.

907. Cabinet No. 61: high school exhibit, I-IV years, Worcester.

908. Show case: bound volume, pupils' work, English, I year, high school, Worcester.

909. Show case: bound volume, pupils' work, English, I year, high school, Worcester.

910. Show case: bound volume, pupils' work, English, II year, high school, Worcester.

911. Show case: bound volume pupils' work, English, II year, high school, Worcester.

912. Show case: bound volume, pupils' work, English, III year, high school, Worcester.

913. Show case: bound volume, pupils' work, English, IV year, high school, Worcester.

914. Show case: bound volume, pupils' work, English, IV year, high school, Worcester.

915. Bound volume: pupils' work, Latin, I year, high school, Worcester.

916. Bound volume: pupils' work, Latin, I year, high school, Worcester.

917. Bound volume: pupils' work, Cæsar, II year, high school, Worcester.

918. Bound volume: pupils' work, Cicero, III year, high school, Worcester.

919. Bound volume: pupils' work, Vergil, IV-V year, high school, Worcester.

920. Bound volume: pupils' work, Greek, II year, high school, Worcester.

921. Bound volume: pupils' work, Greek, III-IV year, high school, Worcester.

922. Bound volume: pupils' work, French, I year, high school, Worcester.

923. Bound volume: pupils' work, French, I year, high school, Worcester.

924. Bound volume: pupils' work, French, I year, high school, Worcester.

925. Bound volume: pupils' work, French, II year, high school, Worcester.

926. Bound volume: pupils' work, French, III-IV years, high school, Worcester.

927. Bound volume: pupils' work, German, I year, high school, Worcester.

928. Bound volume: pupils' work, German, I-II years, high school, Worcester.

929. Bound volume: pupils' work, German, II-III years, high school, Worcester.

930. Bound volume: pupils' work, algebra, I year, high school, Worcester.

931. Bound volume: pupils' work, algebra, I year, high school, Worcester.

932. Bound volume: pupils' work, algebra, senior class, high school, Worcester.

933. Bound volume: pupils' work, algebra, senior class, high school, Worcester.

934. Bound volume: pupils' work, mathematics, IV year, high school, Worcester.

935. Bound volume: pupils' work, geometry, II year, high school, Worcester.

936. Bound volume: pupils' work, geometry, II year, high school, Worcester.

937. Bound volume: pupils' work, geometry, II year, high school, Worcester.

938. Bound volume: pupils' work, geometry, II year, high school, Worcester.

939. Bound volume: pupils' work, geometry, IV year, high school, Worcester.

940. Bound volume: pupils' work, solid geometry, IV year, high school, Worcester.

941. Framed picture: Mark Hopkins school, North Adams.

942. Cabinet No. 62: industrial training exhibit, grades I-V, Fitchburg.

943. Show case: construction work, Fitchburg.

944. Framed picture: State normal art school, Boston.

945. Cabinet No. 63: industrial training exhibit, grades VI-X, Fitchburg.

946. Show case: "Arts and Crafts," Fitchburg.

947. Drawer: book covers, etc., Fitchburg.

948. Framed picture: State normal training school, Hyannis.

949. Cabinet No. 64: social industrial exhibit, State Training School, Hyannis.

950. Show case: Industrial exhibit, grades I-IV, Hyannis.

951. Drawer: Industrial exhibit, grades V-VI, Hyannis.

952. Drawer: Industrial exhibit, grades I-IV, Hyannis.

953. Drawer: Industrial exhibit, basketry, grade IV, Hyannis.

954. Drawer: bound volume, Physiology for Laboratory, Hyannis Normal.

955. Drawer: pamphlet, physical training, Hyannis Normal.

956. Drawer: students' note book, gardening, Hyannis Normal.

957. Show case: basketry, etc., grades I-IX, Hyannis Normal.

958. Framed picture: State normal school, Bridgewater.

959. Cabinet No. 65: elementary science exhibit, grades I-IX, State training school, Bridgewater.

960. Drawer: elementary science exhibit, State normal training school, Bridgewater.

961. Framed picture: Normal School, Salem.

962. Cabinet No. 66: reading exhibit, grades I-VIII, State training school, Salem.

963. Model: from antique, Normal Art School.

964. Framed picture: from evening school, Lowell.

965. Framed picture: from evening school, Lowell.

966. Cabinet No. 67: evening school exhibit, Lowell.

967. Bound volume: pupils' work, evening high school, Lowell.

968. Framed picture: High school, Pittsfield.

969. Framed picture: kindergarten class, Pittsfield.

970. Cabinet No. 68: countries and peoples, grades I-VI, Pittsfield.

971. Bound volume: pupils' written work, countries and peoples, Pittsfield.

972. Bound volume: pupils' written work, countries and peoples, Pittsfield.

973. Bound volume: pupils' written work, countries and peoples, Pittsfield.

974. Bound volume: pupils' written work, countries and peoples, Pittsfield.

975. Bound volume: pupils' written work, countries and peoples, Pittsfield.

976. Bound volume: pupils' written work, countries and peoples, Pittsfield.

977. Bound volume: pupils' written work, countries and peoples, Pittsfield.

978. Bound volume: pupils' written work, countries and peoples, Pittsfield.

979. Bound volume: pupils' written work, countries and peoples, Pittsfield.

980. Bound volume: pupils' written work, countries and peoples, Pittsfield.

981. Bound volume: pupils' written work, countries and peoples, Pittsfield.

982. Bound volume: pupils' written work, countries and peoples, Pittsfield.

983. Bound volume: pupils' written work, countries and peoples, Pittsfield.

984. Bound volume: pupils' written work, countries and peoples, Pittsfield.

985. Bound volume: pupils' written work, countries and peoples, Pittsfield.

986. Bound volume: pupils' written work, countries and peoples, Pittsfield.

987. Bound volume: pupils' written work, countries and peoples, Pittsfield.

988. Bound volume: pupils' written work, countries and peoples, Pittsfield.

989. Bound volume: pupils' written work, countries and peoples, Pittsfield.

990. Bound volume: pupils' written work, countries and peoples, Pittsfield.

991. Bound volume: pupils' written work, countries and peoples, Pittsfield.

992. Bound volume: pupils' written work, countries and peoples, Pittsfield.

993. Bound volume: pupils' written work, countries and peoples, Pittsfield.

994. Show case: bound volume, municipal court, Linden street school, Pittsfield.

995. Show case: bound volume, common council, Linden street school, Pittsfield.

996. Show case: photograph of city council, Linden street school, Pittsfield.

997. Show case: photograph of municipal court, Linden street school, Pittsfield.

998. Framed picture: Orchard street school, Pittsfield.

999. Framed picture: spelling exercise, Pittsfield.

1000. Cabinet No. 69: countries and peoples, grades VI-XIII, Pittsfield.

1001. Show case: courses of study, Pittsfield.

1002. Framed picture: Center School, Malden.

1003. Cabinet No. 70: geography exhibit, grade III-VI, Malden.

1004. Bound volume: pupils' work, geography, grade III-VI, Malden.

1005. Bound volume: pupils' work, geography, grade IV-V, Malden.

1006. Bound volume: pupils' work, geography, grade VI, Malden.

1007. Bound volume: pupils' work, geography, grade VII-VIII, Malden.

1008. Bound volume: pupils' work, geography, grade VII, Malden.

1009. Bound volume: pupils' work, geography, grade VIII, Malden.

1010. Bound volume: pupils' work, language, Auburn and Sutton.

1011. Framed picture: High School, Malden.

1012. Framed picture: Glenwood School, Malden.

1013. Cabinet No. 71: geography exhibit, grades VI-VIII, Malden.

1014. Model from antique: State normal art school, Boston.

1015. Framed picture: Worcester normal class, Worcester.

1016. Cabinet No. 72: English and drawing, grades I-VIII, Becket.

1017. Cabinet No. 72: English and drawing, grades I-VIII, Chester.

1018. Cabinet No. 72: English and drawing, grades I-VIII, Weston.

1019. Cabinet No. 72: English and drawing, grades I-VIII, Georgetown.

1020. Cabinet No. 72: English and drawing, grades I-VIII, Groveland.

1021. Bound volume: English, Georgetown.

1022. Bound volume: English, Groveland.

1023. Bound volume: English, grades IV-VIII, Weston.

1024. Bound volume: English, grades I-VIII, Chester.

1025. Bound volume: English, grades I-VI, Middlefield.

1026. Cabinet No. 73: geography exhibit, grades I-VIII, Fall River.

1027. Bound volume: pupils' work, geography, grades I, Fall River.

1028. Bound volume: pupils' work, geography, grades I-II, Fall River.

1029. Bound volume: pupils' work, geography, grades II-III, Fall River.

1030. Bound volume: pupils' work, geography, grade II, Fall River.

1031. Bound volume: pupils' work, geography, grade IV, Fall River.

1032. Bound volume: pupils' work, geography, grade V, Fall River.

1033. Bound volume: pupils' work geography, grade VI, Fall River.

1034. Bound volume: pupils' work, geography, grade VII, Fall River.

1035. Bound volume: pupils' work, geography, grade VII, Fall River.

1036. Bound volume: pupils' work, geography, grade VII, Fall River.

1037. Bound volume: pupils' work, geography, grade VIII, Fall River.

1038. Bound volume: pupils' work, geography, grade VIII, Fall River.

1039. Bound volume: pupils' work, geography, grade VIII, Fall River.

1040. Drawer: geography models exhibit, Fall River.

1041. Drawer: geography models exhibit, Fall River.

1042. Framed picture: East Avenue School, Lynn.

1043. Cabinet No. 74: arithmetic exhibit, grades I-V, Lynn.

1044. Show case: constructive work, report of committee, Lynn.

1045. Bound volume: pupils' work, arithmetic, grade II, Lynn.

1046. Bound volume: pupils' work, arithmetic, grade II, Lynn.

1047. Bound volume: pupils' work, arithmetic, grade II, Lynn.

1048. Bound volume: pupils' work, arithmetic, grade II, Lynn.

1049. Bound volume: pupils' work, arithmetic, grade II, Lynn.

1050. Bound volume: pupils' work, arithmetic, grade III, Lynn.

1051. Bound volume: pupils' work, arithmetic, grade III, Lynn.

1052. Bound volume: pupils' work, arithmetic, grade III, Lynn.

1053. Bound volume: pupils' work, arithmetic, grade III, Lynn.

1054. Bound volume: pupils' work, arithmetic, grade III, Lynn.

1055. Bound volume: pupils' work, arithmetic, grade IV, Lynn.

1056. Bound volume: pupils' work, arithmetic, grade IV, Lynn.

1057. Bound volume: pupils' work, arithmetic, grade IV, Lynn.

1058. Bound volume: pupils' work, arithmetic, grade IV, Lynn.

1059. Bound volume: pupils' work, arithmetic, grade IV, Lynn.

1060. Bound volume: pupils' work arithmetic, grade V, Lynn.

1061. Bound volume: pupils' work, arithmetic, grade V, Lynn.

1062. Bound volume: pupils' work, arithmetic, grade V, Lynn.

1063. Bound volume: pupils' work, arithmetic, grade V, Lynn.

1064. Bound volume: pupils' work, arithmetic, grade V, Lynn.

1065. Bound volume: pupils' work, arithmetic, grade V, Lynn.

1066. Bound volume: pupils' work, arithmetic, grade V, Lynn.

1067. Bound volume: Cobbett School work, boot and shoe industry, Lynn.

1068. Bound volume: Cobbett School work, boot and shoe industry, Lynn.

1069. Bound volume: Cobbett School work, boot and shoe industry, Lynn.

1070. Bound volume: Cobbett School, boot and shoe industry, Lynn.

1071. Bound volume: Cobbett School, boot and shoe industry, Lynn.

1072. Bound volume: Cobbett School, boot and shoe industry, Lynn.

1073. Bound volume: Cobbett School, boot and shoe industry, Lynn.

1074. Bound volume: Cobbett School, bott and shoe industry, Lynn.

1075 Framed picture: Euclid Avenue School, Lynn.
1076. Cabinet: arithmetic exhibit, grades VI-IX, Lynn.
1077. Bound volume: pupils' work, arithmetic, grade VI, Lynn.
1078. Bound volume: pupils' work, arithmetic, grade VI, Lynn.
1079. Bound volume: pupils' work, arithmetic, grade VI, Lynn.
1080. Bound volume: pupils' work, arithmetic, grade VI, Lynn.
1081. Bound volume: pupils' work, arithmetic, grade VI, Lynn.
1082. Bound volume: pupils' work, arithmetic, grade VI, Lynn.
1083. Bound volume: pupils' work, arithmetic, grade VI, Lynn.
1084. Bound volume: pupils' work, arithmetic, grade VI, Lynn.
1085. Bound volume: pupils' work, arithmetic, grade VI, Lynn.
1086. Bound volume: pupils' work, arithmetic, grade VII, Lynn.
1087. Bound volume: pupils' work, arithmetic, grade VII, Lynn.
1088. Bound volume: pupils' work, arithmetic, grade VII, Lynn.
1089. Bound volume: pupils' work, arithmetic, grade VII, Lynn.
1090. Bound volume: pupils' work, arithmetic, grade VII, Lynn.
1091. Bound volume: pupils' work, arithmetic grade VII, Lynn.
1092. Bound volume: pupils' work, arithmetic, grade VII, Lynn.
1093. Bound volume: pupils' work, arithmetic, grade VII, Lynn.
1094. Bound volume: pupils' work, arithmetic, grade VIII, Lynn.
1095. Bound volume: pupils' work, arithmetic, grade VIII, Lynn.
1096. Bound volume: pupils' work, arithmetic, grade VIII, Lynn.
1097. Bound volume: pupils' work, arithmetic, grade VIII, Lynn.
1098. Bound volume: pupils' work, arithmetic, grade VIII, Lynn.
1099. Bound volume: pupils' work, arithmetic, grade VIII, Lynn.
1100. Bound volume: pupils' work, arithmetic, grade VIII, Lynn.
1101. Bound volume: pupils' work, arithmetic, grade VIII, Lynn.
1102. Bound volume: pupils' work, arithmetic, grade VIII, Lynn.
1103. Bound volume: pupils' work, arithmetic, grade IX, Lynn.
1104. Bound volume: pupils' work, arithmetic, grade IX, Lynn.
1105. Bound volume: pupils' work, arithmetic, grade IX, Lynn.

1106. Bound volume: pupils' work, arithmetic, grade IX, Lynn.
1107. Bound volume: pupils' work, arithmetic, grade IX, Lynn.
1108. Bound volume: pupils' work, arithmetic, grade IX, Lynn.
1109. Bound volume: pupils' work, arithmetic, grade IX, Lynn.
1110. Bound volume: pupils' work, arithmetic, grade IX, Lynn.
1111. Bound volume: pupils' work, arithmetic, grade IX, Lynn.
1112. Bound volume: pupils' work, arithmetic, grade IX, Lynn.
1113. Framed picture: High School, Lynn.
1114. Wall frame: high school manual training exhibit, Lynn.
1115. Model from life: State normal art school, Boston.
1116. Cabinet No. 76: manual training exhibit, high school, Lynn.
1117. Framed picture: Ingall's School, Lynn.
1118. Framed picture: Tracy School, Lynn.
1119. Framed picture: Mark Hopkins School, Pittsfield.
1120. Framed picture: Freeman School, Pittsfield.
1121. Cabinet No. 77: kindergarten exhibit, normal practice school, North Adams.
1122. Bound volume: photographs State normal school, North Adams.
1123. Model from life: State Normal Art School, Boston.
1124. Framed picture: class rooms, North Adams.
1125. Cabinet No. 78: penmanship, language and arithmetic. North Adams.
1126. Framed picture: views of school buildings, North Adams.
1127. Cabinet No. 79: grades VII, IX and high school, North Adams.
1127a. Show case: social arithmetic, literature, spelling, map drawing, North Adams.
1128. Bound volume: language, grades I-III, North Adams.
1129. Bound volume: language, grades IV-V, North Adams.
1130. Bound volume: language, grades VI-VIII, North Adams.
1131. Bound volume: language, grades VII-VIII, North Adams.
1132. Bound volume: language, grade IX, North Adams.
1133. Bound volume: pupils' work, history, high school, North Adams.

1134. Bound volume: pupils' work, history, high school, North Adams.

1135. Bound volume: pupils' work, history, high school, North Adams.

1137. Bound volume: pupils' work, algebra, high school, North Adams.

1138. Bound volume: pupils' work, algebra, high school, North Adams.

1139. Bound volume: pupils' work, French and Latin, high school, North Adams.

1140. Bound volume: pupils' work, English and Latin, high school, North Adams.

1141. Bound volume: pupils' work, Latin, high school, North Adams.

1142. Framed picture: drawing from high school, Springfield.

1143. Cabinet No. 80: arithmetic exhibit, grade IV-IX, Springfield.

1144. Show case: applied design, high school, Springfield.

1145. Bound volume: pupils' work, arithmetic, grade II, Springfield.

1146. Bound volume: pupils' work, arithmetic, grade II, Springfield.

1147. Bound volume: pupils' work, arithmetic, grade II-III, Springfield.

1148. Bound volume: pupils' work, arithmetic, grade III, Springfield.

1149. Bound volume: pupils' work, arithmetic, grade III, Springfield.

1150. Bound volume: pupils' work, arithmetic, grade III, Springfield.

1151. Bound volume: pupils' work, arithmetic, grade III, Springfield.

1152. Bound volume: pupils' work, arithmetic, grades III-IV, Springfield.

1153. Bound volume: pupils' work, arithmetic, grade IV, Springfield.

1154. Bound volume: pupils' work, arithmetic, grade IV, Springfield.

1155. Bound volume: pupils' work, arithmetic, grade IV, Springfield.

1156. Bound volume: pupils' work, arithmetic, grade IV, Springfield.

1157. Bound volume: pupils' work, arithmetic, grade IV, Springfield.

1158. Bound volume: pupils' work, arithmetic, grade V, Springfield.

1159. Bound volume: pupils' work, arithmetic, grade V, Springfield.

1160. Bound volume: pupils' work, arithmetic, grade V, Springfield.

1161. Bound volume: pupils' work, arithmetic, grade V, Springfield.

1162. Bound volume: pupils' work, arithmetic, grade V, Springfield.

1163. Bound volume: pupils' work, arithmetic, grade V-VI, Springfield.

1164. Bound volume: pupils' work, arithmetic, grade VI, Springfield.

1165. Bound volume: pupils' work, arithmetic, grade VI, Springfield.

1166. Bound volume: pupils' work, arithmetic, grade VI, Springfield.

1167. Bound volume: pupils' work, arithmetic, grade VI, Springfield.

1168. Bound volume: pupils' work, arithmetic, grade VI, Springfield.

1169. Bound volume: pupils' work, arithmetic, grade VII, Springfield.

1170. Bound volume: pupils' work, arithmetic, grade VII, Springfield.

1171. Bound volume: pupils' work, arithmetic, grades VII-IX, Springfield.

1172. Bound volume: pupils' work, arithmetic, grade VIII, Springfield.

1173. Bound volume: pupils' work, arithmetic, grade III, Springfield.

1174. Bound volume: pupils' work, arithmetic, grade IX, Springfield.

1175. Bound volume: pupils' work, arithmetic, grade IX, Springfield.

1176. Bound volume: pupils' work, arithmetic, grade IX, Springfield.

1177. Framed picture: high school, Springfield.

1178. Cabinet No. 81: high school exhibit, freehand drawing, Springfield.

1179. Wall frame: evening school of trades, Springfield.

1180. Cabinet No. 82: high school drawing exhibit, I-IV year, Springfield.

1181. Cabinet No. 83: high school general exhibit, I-IV year, Springfield.

1182. Show case: tools, school of trades, Springfield.

1183. Bound volume: pupils' work, high school, Greek, Springfield.

1184. Bound volume: pupils' work, high school, French, Springfield.

1185. Bound volume: pupils' work, high school, French, Springfield.

1186. Bound volume: pupils' work, high school, French, Springfield.

1187. Bound volume: pupils' work, high school, German, Springfield.

1188. Bound volume: pupils' work, high school, I year, English, Springfield.

1189. Bound volume: pupils' work, high school, English, III-IV year, Springfield.

1190. Bound volume: pupils' work, high school, Commercial Department, Springfield.

1191. Bound volume: pupils' work, high school, Commercial Department, Springfield.

1192. Bound volume: pupils' work, high school, Commercial Department, Springfield.

1193. Bound volume: pupils' work, high school, Commercial Department, Springfield.

1194. Bound volume: pupils' work, high school, Commercial Department, Springfield.

1195. Bound volume: pupils' work, high school, mathematics, Springfield.

1196. Bound volume: pupils' work, high school, mathematics, Springfield.

1197. Bound volume: pupils' work, high school, mathematics, Springfield.

1198. Bound volume: pupils' work, high school, mathematics, Springfield.

1199. Bound volume: pupils' work, high school, mathematics, Springfield.

1200. Bound volume: pupils' work, high school, mathematics, Springfield.

1201. Bound volume: pupils' work, high school, mathematics, Springfield.

1202. Bound volume: pupils' work, high school, chemistry, Springfield.

1203. Bound volume: pupils' work, high school, chemistry, Springfield.

1204. Bound volume: pupils' work, high school, physics, Springfield.

1205. Bound volume: pupils' work, high school, college preparatory, Springfield.

1206. Bound volume: pupil's work, high school, college preparatory, Springfield.

1207. Bound volume: pupils' work, high school, college preparatory, Springfield.

1208. Bound volume: pupils' work, high school, history, Springfield.

1209. Bound volume: pupils' work, high school, ancient history, Springfield.

1210. Bound volume: pupils' work, high school, biology, Springfield.

1211. Bound volume: pupils' work, high school, Latin, Springfield.

1212. Bound volume: pupils' work, evening high school, history, Springfield.

1213. Cabinet No. 84: evening trades school exhibit, Springfield.

1214. Show case: tools, evening, trades school, Springfield.

1215. Drawer: mechanic arts high school, models, Springfield.

1216. Drawer: pupils' work, mechanic arts high school, models, Springfield.

1217. Framed picture: school architecture, Cooper & Bailey, Boston.

1218. Framed picture: school architecture, Cooper & Bailey, Boston.

1219. Framed pictures: school architecture, Cooper & Bailey, Boston.

1220. Framed picture: entomology, Massachusetts Agricultural College.

1221. Framed picture: entomological collection, Massachusetts Agricultural College.

1222. Cabinet No. 85: entomology and architecture, Massachusetts Agricultural College.

1223. Show case: insecticides, Massachusetts Agricultural College.

1224. Drawer: The gypsy moth and its enemies, Massachusetts Agricultural College.

1225. Drawer: The brown tail and its enemies, Massachusetts Agricultural College.

1226. Drawer: mimicry, Massachusetts examples, Massachusetts Agricultural College.

1227. Drawer: Protective Imitation examples, Massachusetts Agricultural College.

1228. Drawer: The genealogy of insects, Massachusetts Agricultural College.

1229. Drawer: Antigeny, Massachusetts Agricultural College.

1230. Drawer: A life history, the apple tree tent caterpillar, Massachusetts Agricultural College.

1231. Drawer: native and introduced pests in Massachusetts, Massachusetts Agricultural College.

1232. Framed picture: chapel and library, Massachusetts Agricultural College.

1233. Framed picture chapel and library, Massachusetts Agricultural College.

1234. Cabinet No. 86: horticulture exhibit, photographic views, Massachusetts Agricultural College.

1235. Show case: illustrations of stock and scion, Massachusetts Agricultural College.

Publications of Faculty of Massachusetts Agricultural College

1236. Bound volume: Gypsy Moth.

1237. Bound volume: Agriculture, vol I.

1238. Bound volume: Agricultural, volume II.

1239. Bound volume: Agriculture, volume III.

1240. Bound volume: Brown Tail Moth, Fernald & Kirkland.
1241. Bound volume: Mind in Nature, Clark.
1242. Bound volume: Stock Breeding, Miles.
1243. Bound volume: Instinct in Animals and Men, Chadbourne.
1243a. Bound volume: Silos, Ensilage, Silage, Miles.
1244. Bound volume: Milch Cows and Dairy Farming, Flint.
1245. Bound volume: Landscape Gardening, Maynard.
1246. Bound volume: Greenhouse Management, Taft.
1247. Bound volume: Greenhouse Construction, Taft.
1248. Bound volume: Farm Drainage, French.
1249. Bound volume: Stock Breeding, Miles.
1250. Bound volume: Grasses and Forage Plants, Flint.
1251. Bound volume: Agricultural Soils and How to Treat Them, Flint.
1252. Bound volume: Agricultural Animal Husbandry, Brooks.
1253. Bound volume: Manures and Fertilizers, Brooks.
1254. Bound volume: Landscape Gardening, Maynard.
1255. Bound volume: Systematic Pomology, Waugh.
1256. Bound volume: Landscape Gardening, Waugh.
1257. Bound volume: Plums and Plum Culture, Waugh.
1258. Bound volume: Land Draining, Miles.
1259. Bound volume: The Index, 1905.
1260. Bound volume: Fruit Harvesting, etc., Waugh.
1261. Bound volume: The Hatch Experiment Station Bulletins, Waugh, 1-25.
1262. Bound volume: The Hatch Experiment Station Bulletins, 26-50.
1263. Bound volume: The Hatch Experiment Station Bulletins, 51-75.
1264. Bound volume: The Hatch Experiment Station Bulletins, 76-93.
1265. Bound volume: Crambidae of North America, Fernald.
1266. Bound volume: Grasses of Maine, Fernald.
1267. Bound volume: Pterophoridae, Fernald.
1268. Bound volume: Sphingidae of New England, Fernald.
1269. Bound volume: Catalogue of the Tortricidae, Fernald.
1270. Bound volume: Butterflies of Maine, Fernald.
1271. Bound volume: Orthoptera of New England, Fernald.
1272. Bound volume: Coccidae of the World, Fernald.

1273. Bound volume: Grass Thrips, Hinds.
1274. Bound volume: Relationships of Anthropods, Fernald.
1275. Bound volume: Report of Economic Zoölogist, Fernald.
1276. Bound volume: Greenhouse Aleyrodes, Morrill.
1277. Bound volume: Cucumbers under Glass, Stone.
1278. Bound volume: Rotting of Greenhouse Lettuce, Stone Smith.
1279. Bound volume: Growing China Asters, Smith.
1280. Bound volume: Nematode Worms, Stone & Smith.
1281. Bound volume: Lucernariae, Clark.
1282. Bound volume: Chionaspis and Hermichionaspes, Cooley.
1283. Bound volume: The American Farmer, volume I, Flint.
1284. Bound volume: The American Farmer, Volume II, Flint.
1285. Framed picture: dining hall, Massachusetts Agricultural College.
1286. Framed picture: battalion at drill, Massachusetts Agricultural College.
1287. Framed picture: pot experiments, Massachusetts Agricultural College.
1288. Framed picture: agricultural lecture room, Massachusetts Agricultural College.
1289. Statue: Minerva, from Foreign Plastic Art Company, Boston.
1290. Model from Antique, State normal art school, Boston.
1291. Case No. 87: Experiments in use of fertilizers, Massachusetts Agricultural College.
1292. Cabinet No. 88: city training school exhibit, Lowell.
1293. Show case: dolls dressed by VI grade pupils, Lowell.
1294. Bound volume: arithmetic, grade V, Lowell training school.
1295. Bound volume: arithmetic, grade V, Lowell training school.
1296. Bound volume: arithmetic, grade V, Lowell training school.
1297. Bound volume: arithmetic, VI, Lowell training school.
1298. Bound volume: arithmetic, grade VI, Lowell training. school.
1299. Bound volume: arithmetic, grade VII, Lowell training school.

1300. Bound volume: arithmetic, grade VII, Lowell training school.

1301. Bound volume: arithmetic, grade VII, Lowell training school.

1302. Bound volume: arithmetic, grade VIII, Lowell training school.

1303. Bound volume: geography, grade IV, Lowell training school.

1304. Bound volume: geography, grade V, Lowell training school.

1305. Bound volume: geography, grade VI, Lowell training school.

1306. Bound volume: geography, grade VI, Lowell training school.

1307. Bound volume: geography, grade VII, Lowell training school.

1308. Bound volume: geography, grade VII, Lowell training school.

1308a. Bound volume: geography, grade VII, Lowell training school.

1309. Bound volume: geography, grade VIII, Lowell training school.

1310. Bound volume: literature, grade VII, Lowell training school.

1311. Bound volume: literature, grade IX, Lowell training school.

1312. Bound volume: history, grade VI, Lowell training school.

1313. Bound volume: history, grade VI, Lowell training school.

1314. Bound volume: history, grade VII, Lowell training school.

1315. Bound volume: history, grade IX, Lowell training school.

1316. Bound volume: history and literature, grade V, Lowell training school.

1317. Bound volume: history and literature, grade VII, Lowell training school.

1318. Bound volume: miscellaneous, Lowell training school.

1319. Bound volume: miscellaneous, Lowell training school.

1320. Bound volume: miscellaneous, Lowell training school.
1321. Bound volume: miscellaneous, Lowell training school.
1322. Bound volume: miscellaneous, Lowell training school.
1323. Bound volume: miscellaneous, Lowell training school.
1324. Bound volume: miscellaneous, Lowell training school.
1325. Bound volume: miscellaneous, Lowell training school.
1326. Bound volume: miscellaneous, Lowell training school.
1327. Bound volume: miscellaneous, Lowell training school.
1328. Cabinet No. 89: Course of Study, Fall River training school.
1329. Show case: pupils' specimens, Fall River training school.
1330. Bound volume: geography, grade V, Fall River training school.
1331. Bound volume: geography, junior year, Fall River training school.
1332. Bound volume: history of education, junior year, Fall River training school.
1333. Bound volume: botany and zoology, junior year, Fall River training school.
1334. Bound volume: plans for teaching, senior year, Fall River training school.
1335. Bound volume: civil government, senior year, Fall River training school.
1336. Cabinet No. 90: kindergarten training exhibit, Miss Wheelock's school, Boston.
1337. Drawer: kindergarten training exhibit, Miss Wheelock's school, Boston.
1338. Drawer: kindergarten training exhibit, Miss Wheelock's school, Boston.
1339. Drawer: kindergarten training exhibit, Miss Wheelock's school, Boston.
1340. Drawer: kindergarten training exhibit, Miss Wheelock's school, Boston.
1341. Cabinet No. 91: Sloyd Training School coure of study, Boston.
1342. Show case: Sloyd Training School, Boston.
1343. Cabinet No. 92: arithmetic exhibit, grades II-IV, Springfield.
1344. Model from life: State normal art school, Boston.

1345. Show case: bound volume, arithmetic, grade III-IV, Boston.

1346. Show case: bound volume, arithmetic, grade IV, Boston.

1347. Cabinet No. 93: library, oral language, practice work, child study, State normal school, Worcester.

1348. Show case: larger kindergarten material, State normal school, Worcester.

1349. Model of library, shelf and sample books, State normal school, Worcester.

Books written or translated by Faculty of State normal school, Worcester.

1350. The Senses and the Will.

1351. The Development of Intellect.

1352. Mental Development of Child.

1353. Child Observations.

1354. Trees of Worcester.

1355. Imitation of Children.

1356. Knowledge from the Standpoint of Association.

1357. Exceptional Children in School.

1358. Map Making and Map Reading.

1359. Bound volume: child's study records, State normal school, Worcester.

1360. Bound volume: apprentices' diaries, State normal school, Worcester.

1361. Bound volume: catalogues of State normal school, Worcester.

1362. Bound volume: catalogues of State normal school, Worcester.

1363. Drawer: physical apparatus, Clinton and Sanderson Academy.

1364. Show case: exhibit of chemical analysis, State normal school, Westfield.

1365. Drawer: exhibit of chemical analysis, State normal school Westfield.

1366. Drawer: exercises in removing stains and dyeing, State normal school, Westfield.

1367. Bound volume: pupils' work, genetic psychology, State normal school, Westfield.

1368. Bound volume: pupils' work, exercises in chemistry, State normal school, Westfield.

1369. Bound volume: pupils' work, mathematics, State normal school, Westfield.

1370. Bound volume: pupils' work, history of education, State normal school, Westfield.

1371. Bound volume: catalogues of State normal school, Westfield.

1372. Bound volume: photographs of State normal school, Westfield.

1373. Cabinet No. 95: drawing exercises, State normal art school, Boston.

1374. Cabinet No. 96: drawing, State normal art school, Boston.

1375. Cabinet No. 97: drawing, State normal school, Salem.

1376. Show case: photographs, State normal school, Salem.

1377. Bound volume: catalogues of State normal school, Salem.

1378. Model from copy, State normal art school, Boston.

1379. Cabinet No. 98: Courses of Study, State normal school, Bridgewater.

1380. Show case: photographs of State normal school, Bridgewater.

1381. Bound volume: English, State normal school, Bridgewater.

1382. Show case: bound volume: History, State normal school, Bridgewater.

1383. Bound volume: Physical Science, State normal school, Bridgewater.

1384. Bound volume: Geometry, State normal school, Bridgewater.

1385. Bound volume: Geography, State normal school, Bridgewater.

1386. Bound volume: Natural Science, State normal school, Bridgewater.

1387. Cabinet No. 99: Child Study, State normal school, Fitchburg.

1388. Show case: photographs, State normal school, Fitchburg.

1389. Bound volume: catalogues, State normal school, Fitchburg.

1390. Bound volume: pupils' exercises, State normal school, Fitchburg.

1391. Bound volume: plays and games, State normal school, Fitchburg.

1392. Bound volume: Inductive Psychology, Kirkpatrick, Fitchburg.

1393. Bound volume: Fundamentals of Child Study, Kirkpatrick.

1394. Cabinet No. 100: domestic science, State normal school, Framingham.

1395. Cabinet No. 101: biology, physical culture, summer school work, State normal school, Hyannis.

1396. Show case: catalogues, State normal school, Hyannis.

1397. Show case: bound volume, games and plays, State normal school, Hyannis.

1398. Show case: bound volume, games and plays, State normal school, Hyannis.

1399. Show case: photographs, State normal school, Hyannis.

1400. Cabinet No. 102: kindergarten training, State normal school, Lowell.

1401. Show case: clay work, State normal school, Lowell.

1402. Drawer: models of crystals, State normal school, Lowell.

1403. Drawer: models of clay work, State normal school, Lowell.

1404. Drawer: children's work, grade II, Lowell.

1405. Bound volume: painting, Lowell.

1406. Bound volume: snowflakes, Lowell.

1407. Bound volume: parquetry, Lowell.

1408. Bound volume: interlacing, Lowell.

1409. Bound volume: pricking, Lowell.

1410. Bound volume: weaving, Lowell.

1411. Bound volume: silhouette, Lowell.

1412. Bound volume: sewing, Lowell.

1413. Bound volume: folding, Lowell.

1414. Bound volume: cutting, Lowell.

1415. Bound volume: designing, Lowell.

1416. Model: from life, State normal art school, Boston.

1417. Cabinet No. 103: school organization.

1418. Show case: courses of study.

1419. Cabinet No. 104: administration blanks, cities and towns.

1420. Bound volumes: reports of Massachusetts board of education, numbers 1-53.

1421. Cabinet No. 105: school statistics, State board of education.

1422. Show case: pamphlets, Massachusetts school system.

1423. Bound volume: reports Massachusetts board of education, numbers 54-67.

1424. Cabinet No. 106: textile industry, textile school, Lowell.

1425. Show case: textile industry, textile school, Lowell.

1426. Drawer: textile industry, cotton and yarns, Lowell.

1427. Drawer: textile industry, Lowell.

1428. Drawer: textile industry, cotton and yarns, Lowell.

1429. Drawer: textile industry, inspection cards, Lowell.

1430. Cabinet No. 107: textile school exhibit, hand loom weaving, Lowell.

1431. Show case: weaving, textile school, Lowell.

1432. Drawer: textile industry, worsteds and yarns, Lowell.

1433. Drawer: textile industry, cloths, Lowell.

1434. Framed picture: plant diseases, Massachusetts Agricultural College.

1435. Framed picture: tropical plants, Massachusetts Agricultural College.

1436. Framed picture: botanical museum, Massachusetts Agricultural College.

1437. Framed picture: field crop, Massachusetts Agricultural College.

1438. Statue: David, from Foreign Plastic Art Company, Boston.

1439. Case No. 108: methods of instruction in technical chemistry, Massachusetts Agricultural College.

1440. Salts prepared by students in chemistry, Massachusetts Agricultural College.

1441. Framed picture: veterinary building, Massachusetts Agricultural College.

1442. Framed picture: veterinary laboratory, Massachusetts Agricultural College.

1443. Framed picture: botanical laboratory, Massachusetts Agricultural College.

1444. Framed picture: pot experiments, Massachusetts Agriculture College.

1445. Framed picture: horticulture, Massachusetts Agricultural College.

1446. Framed picture: meteorology, Massachusetts Agricultural College.

1447. Cabinet No. 109: horticultural experiments, Massachusetts Agricultural College.

1448. Show case: botany exhibit, Massachusetts Agricultural College.

1449. Cabinet No. 110: mathematics, agriculture, veterinary, Massachusetts Agricultural College.

1450. Show case: veterinary exhibit, Massachusetts Agricultural College.

1451. Cycle of color, chromatic arrangement of yarns, Lowell Textile School.

1452. Framed picture: E. H. S., Somerville.

1453. Framed picture: design, IV year, E. H. S., Somerville.

1454. Framed picture: class picture, E. H. S., Somerville.

1455. Framed picture: design, IV year, E. H. S., Somerville.

1456. Framed picture: ball team, Somerville.

1457. Cabinet No. 111: high school drawing exhibit, E. H. S., Somerville.

1458. Show case: manual training, E. H. S., Somerville.

1459. Bound volume: pupils' work, elocution, junior and senior, E. H. S., Somerville.

1460. Bound volume: pupils' work, elocution, I-II years, E. H. S., Somerville.

1461. Bound volume: pupils' work, English, I year, E. H. S., Somerville.

1462. Bound volume: pupils' work, English, I year, E. H. S., Somerville.

1463. Bound volume: pupils' work, English, II year, E. H. S., Somerville.

1464. Bound volume: pupils' work, English, II year, E. H. S., Somerville.

1465. Bound volume: pupils' work, English, II year, E. H. S., Somerville.

1466. Bound volume: pupils' work, English junior, E. H. S. Somerville.

1467. Bound volume: pupils' work, English junior, E. H. S., Somerville.

1468. Bound volume: pupils' work, English senior, E. H. S., Somerville.

1469. Bound volume: pupils' work, English senior, E. H. S., Somerville.

1470. Bound volume: pupils' work, German, I-II years, E. H. S., Somerville.

1471. Bound volume: pupils' work, German, II year, E. H. S., Somerville.

1472. Bound volume: pupils' work, French, I year, E. H. S., Somerville.

1473. Bound volume: pupils' work, French, II year, E. H. S., Somerville.

1474. Bound volume: pupils' work, junior French, E. H. S., Somerville.

1475. Bound volume: pupils' work, senior French, E. H. S., Somerville.

1476. Bound volume: pupils' work, German, I-II years, E. H. S., Somerville.

1477. Bound volume: pupils' work, German, II year, E. H. S., Somerville.

1478. Bound volume: pupils' work, Latin, I-II years, E. H. S., Somerville.

1479. Bound volume: pupils' work, Latin, II year, E. H. S., Somerville.

1480. Bound volume: pupils' work, history, I-II years, E. H. S., Somerville.

1481. Bound volume: pupils' work, history, II year, E. H. S., Somerville.

1482. Bound volume: pupils' work, history, II year, E. H. S., Somerville.

1483. Bound volume: pupils' work, history of United States, IV year, E. H. S., Somerville.

1484. Bound volume: pupils' work, physics, I year, E. H. S., Somerville.

1485. Bound volume: pupils' work, physics, I yaer, E. H. S., Somerville.

1486. Bound volume: pupils' work, physics, I year, E. H. S., Somerville.

1487. Bound volume: pupils' work, botany note books, E. H. S., Somerville.

1488. Bound volume: pupils' work, physiology note books, E. H. S., Somerville.

1489. Bound volume: pupils' work, zoology note books, E. H. S., Somerville.

1490. Bound volume: pupils' work, geometry note books, E. H. S., Somerville.

1491. Bound volume: pupils' work, physic note books, E. H. S., Somerville.

1492. Cabinet No. 112: drawing exhibit, E. H. S., Somerville.

1493. Show case: manual training models, E. H. S., Somerville.

1494. Bound volume: pupils' work, algebra, I year, E. H. S., Somerville.

1495. Bound volume: pupils' work, geometry, II year, E. H. S., Somerville.

1496. Bound volume: pupils' work, geometry, II year, E. H. S., Somerville.

1497. Bound volume: pupils' work, mathematics, I year, E. H. S., Somerville.

1498. Bound volume: pupils' work, civil government IV year, E. H. S., Somerville.

1499. Bound volume: pupils' work, stenography and typewriting, I-II years, E. H. S., Somerville.

1500. Bound volume: pupils' work, stenography and typewriting, I-II years, E. H. S., Somerville.

1501. Bound volume: pupils' work, penmanship, III-IV years, E. H. S., Somerville.

1502. Bound volume: pupils' work, bookkeeping, I year, E. H. S., Somerville.

1503. Bound volume: pupils' work, bookkeeping, I year, E. H. S., Somerville.

1504. Bound volume: pupils' work, United States history note books, E. H. S., Somerville.

1505. Bound volume: pupils' work, United States history note books, E. H. S., Somerville.

1506. Bound volume: pupils' work, United States history note books, E. H. S., Somerville.

1507. Bound volume: pupils' work, history note books, E. H. S., Somerville.

1508. Bound volume: pupils' work, history note books, E. H. S., Somerville.

1509. Bound volume: pupils' work, history note books, E. H. S., Somerville.

1510. Bound volume: chemistry, I year, E. H. S., Somerville.

1511. Bound volume: chemistry, I year, E. H. S., Somerville.

1512. Bound volume: chemistry, I year, E. H. S., Somerville.

1513. Bound volume: physical geography, I year, E. H. S., Somerville.

1514. Bound volume: biology, I year, E. H. S., Somerville.

1516. Bound volume: stenography and typewriting, I-II years, E. H. S., Somerville.

1517. Framed picture: historical library, Ashburnham.

1518. Framed picture: Taunton public library, Taunton.

1519. Cabinet No. 113: free public libraries, cities.

1520. Framed clay model: historical ornament made from sketch, E. H. S., Somerville.

1521. Framed picture: town hall library, Bolyston.

1522. Cabinet No. 114: photographs of free public libraries, towns.

1523. Framed picture: Enterprise and Boxer.

1524. Cabinet No. 115: seamanship, Nautical training school.

1525. Model: wireless telegraph instrument, E. H. S., Somerville.

1526. Bound volume: twenty-six historic ships—Hill.

1527. Statue of Horace Mann: Caproni Brothers, Boston.

CATALOGUE BY CITIES AND TOWNS.

Athol.—Geography and History.

UNIT No. 35.

This work is of two kinds. There is given first an illustration of the course of study in geography. The remainder is miscellaneous. Each teacher selected one or more subjects and gave the whole class an exercise.

Becket.—Language.

UNIT No. 72.

Small exhibit from rural schools.

Boston.—General School Exhibit.

UNITS NOS. 1-30.

The exhibit of the City of Boston is complete in that it shows the work of the city in all departments, organization, equipment, courses of study, and methods of instruction. Specific features worthy of special study may be named as follows:

1. The work in language and literature
2. The work in drawing, especially in its administrative features.
3. The work of evening schools and educational centers.
4. The work in manual training, including cooking and sewing.
5. The work in science, elementary and advanced.
6. The work by and for defectives.
7. The work of preparation for colleges and professional schools.
8. School architecture.

Brookline.—Industrial Training.

UNITS NOS. 47, 48, 49.

The exhibit of the public schools of Brookline is designed to furnish the models of a complete course of study in manual training, including sewing, from beginners through the high school. The series includes several hundred models and is probably the most complete series ever prepared in the State.

Chester.—Language.

UNIT NO. 72.

Throughout the work of the first four grades in Chester, oral and written reproduction by the pupils of stories told by the teachers play an important part. Stories are told from pictures, and illustration of stories by the pupils is practiced to some extent. Gradually this work leads up to original work.

Clinton.—Language.

UNIT NO. 43.

The design of the Clinton exhibit is to show orderly progress in language and literature study from the first grade to the high school. The course of study is shown in full, with various suggestions as to results and methods in teaching.

Everett.—History.

UNIT NO. 41.

During the first three grades, the subject is taught orally, and is based on a suggestive outline of topics which include the myth, the fairy story and biography, together with appropriate memory gems. During the next three years, the work is partly oral and partly studied. A variety of supplementary reading matter is furnished, containing history stories and biographical sketches. During the last three years, the formal study of history is carried on, with two or three different textbooks in the hands of the pupils.

Fall River Normal Training School.

UNIT No. 89.

In the Fall River Normal Training School exhibit the work is from the pupil-teachers. After the mount containing the calendar, the program of studies, and pictures, there follow on successive mounts the outlines used in each study, and descriptive papers in each.

Fall River.—Geography.

UNIT No. 73.

In the cabinet from the children of the Osborn and Fowler Schools the subject of geography through eight grades has been shown. In each grade three lines of the subject have been taken —physical, mathematical and the people's side. The typewritten outlines of each year's course precede the papers by the children.

Fitchburg.—Industrial Training.

UNITS Nos. 62, 63.

This exhibit shows a form of industrial training adapted to ordinary school conditions closely co-ordinated with academic work. It consists of manual training models for the first five grades, correlated school exercises and booklets in grades VIII-XIII, arts and crafts work from the high school, cover designs, engravings, etc.

Gardner.—Language.

UNIT No. 45.

In the public schools of Gardner efforts are being made to teach English from the very first year of the school life of the child. Just as soon as he has learned a sufficient number of words, he combines them into sentences to be read and written by himself and others.

Georgetown.—Language.

UNIT No. 72.

Small exhibit from rural schools.

Groveland.—Language.

UNIT No. 72.

Small exhibit from rural schools.

Haverhill.—Drawing, Cooking, Language, Etc.

UNIT No. 40.

The exhibit of the City of Haverhill is different from that of many other cities and towns because it consists only of exercises selected from regular school work. It will repay the most careful examination.

Lawrence.—Penmanship.

UNIT No. 38.

This exhibit is remarkably complete. It shows the best work of the best pupils and it shows the work of entire classes, including a written exercise from every pupil in the public schools of Lawrence.

Lowell.—Evening School.

UNIT No. 67.

The exhibit is unique in this, at least, that it represents a deliberate choice of crude work instead of that which would apparently be far finer. The best work in evening schools is done, of course, by pupils who have studied more or less in day schools. No such work is shown in this exhibit.

Lowell City Training School.

UNIT No. 88.

Two training schools in Massachusetts require graduation from a normal school as a condition of admission, the schools of Lowell and Cambridge. Others usually take pupils immediately after graduation from the high school. The Lowell School is a real training school. The cadets are placed in charge of classes and held responsible, under careful supervision and assistance, for both discipline and instruction.

Lynn.—Arithmetic and Manual Training.

UNITS NOS. 74-76.

Exhibit (1) consists of a series of two hundred and forty-eight papers illustrating the course of study in arithmetic. They show the subjects taught in each grade, the order in which they are taken up, and the method of teaching them. Exhibit (2) consists of a class exercise showing first work with the teacher's criticism, and a copy of the work on which the pupils made the necessary corrections. Exhibit (3) consists of eight volumes, of 700 pages each, of selected first draft papers of daily work. These papers are simply marked as correct or otherwise by the teacher, and are not further changed. Exhibit (4) consists of twenty-four portfolios of illustrated work. Exhibit (5) consists of models constructed on arithmetical units, or paper cutting based on the principles involved in the course of drawing. Exhibit (6) consists of mechanical drawings, also models of wood and metal work, from the Manual Training High School.

Malden.—Geography.

UNITS NOS. 70, 71.

This exhibit shows a course of study in geography from the third to the eighth grade, inclusive. It is arranged in what is believed to be a logical order of development. A pamphlet gives the course of study in greater detail.

New Bedford.—General School Exhibit.

UNITS NOS. 50-55.

In preparing the exhibit of the City of New Bedford, Superintendent Hatch had in mind to make as complete a representation as possible of the schools of a Massachusetts city of sixty thousand inhabitants. The exhibit includes a full report of the school department in its organization, powers, duties and methods of work. Photographs illustrate the old and new in school architecture, illustrative exercises show the course of study in language, literature, sewing and drawing. Charts, diagrams, and illustrative exercises show the organization, methods of preparing programmes, courses of study, schemes, note books and daily exercises in the high school.

Newton.—Drawing.

UNITS NOS. 32, 33.

This exhibit has been arranged by subjects as follows: (1) Drawing from Nature. (2) Decorative Arrangement. (3) Drawing from Objects and Life. (4) Composition. (5) Color. (6) Construction Drawing and Design. (7) Lettering. (8) Decorative Design. The drawings shown were not made for exhibition purposes, but have been selected from the regular school work.

North Adams.—Penmanship, Spelling, Language.

UNITS NOS. 78, 79.

The exhibit of North Adams is designed to show specific methods of instruction in penmanship, spelling and arithmetic, and the rapid development of school equipment during recent years in a growing Masssachusetts city.

Northampton.—English, Arithmetic, Drawing, High School.

UNIT NO. 35.

Work illustrating the general course of study.

Orange.—Arithmetic.

UNIT NO. 45.

Orange gives a suggestive course of study in arithmetic from first to eighth grade.

Pepperell.—Drawing.

UNIT NO. 35.

Small, but suggestive exhibit.

Pittsfield.—Countries and Peoples.

UNITS NOS. 68, 69.

The primary course covers nature study—plants, animals, minerals—and the occupations and interests of mankind, arranged by months in Grades I and II, and by topics in Grade III.

In the intermediate course, the first half of grade IV is devoted to the study of Berkshire County. The second half of grade IV is devoted to a general review of the world as a whole. Grades V and VI cover the ordinary topics of geography, with references to history and literature.

Grade VII, first half, is devoted to civics, local and general. Grade VII, second half, and grade VIII, first half, are devoted to advanced history of the United States, with special attention to regions, routes and places connected with persons and events. In grade VIII, second half, geography is reviewed and continued, with references to history and literature. In grade IX, fifteen weeks are given to the geography of history and literature.

In the first year of the high school, the course includes a fairly detailed study of topics in modern history with geography, history, and influence as the leading aims, and with attention to salient and picturesque features as the general method.

Revere.—Drawing and Writing.

UNIT NO. 36.

The sheets submitted give a brief idea of the work outlined in the course of study which has been followed since September, 1903.

Somerville.—English High School.

UNITS NOS. 111, 112.

The exhibit of this school is large and complete in nearly all departments. One of the most interesting portions of the exhibit is the original designs for the cover of the high school paper.

Somerville.—Language and Penmanship.

UNITS NOS. 39, 46.

This exhibit is intended to illustrate the course of study in language throughout the nine elementary grades. Typical papers numbered from one to one hundred and twenty-eight arranged progressively, show various forms of written language work based on the child's experience or observation or study as correlated with other subjects in the curriculum—elementary science, geography, history, art, etc. The penmanship system of Mr. Whitehouse deserves special mention.

Springfield.—General Exhibit.

UNITS NOS. 80, 81, 82, 83, 84, 92.

The schools of Springfield have a reputation second to none in Massachusetts. In this exhibit the following are shown: (1) the course of study in arithmetic fully illustrated by pupils' written exercises; (2) the work in drawing in the general high school; (3) a comprehensive view of the work done in the general high school; (4) a partial view of the work done in the Mechanic Arts High School; (5) an exhibit of the Evening School of Trades.

Springfield.—Evening School of Trades.

UNIT NO. 84.

The general aim of the Springfield Evening School of Trades is to give men who work at the trades taught, or whose work bears some actual or prospective relation to such trades, a chance to improve their technical knowledge of mechanical drawing, machine shop practice, pattern making, plumbing and electrical work.

West Brookfield.—Seat Work.

UNIT NO. 39.

Original exercise.

Weston.—English, Drawing.

UNIT No. 72.

This exhibit stands for all the pupils without exception in each grade, and is practically the regular work of the school; that is, it is not at all selected work.

Sutton and Auburn.—English, Geography.

UNIT No. 72.

The papers were chosen from fifteen "ungraded" schools in the towns of Auburn and Sutton, and are part of the regular daily work.

Winthrop.—Drawing.

UNIT No. 37.

The time given to drawing in the grammar and primary classes is one hour and a half per week. In the high school drawing is optional.

Worcester.—General Exhibit.

UNITS Nos. 56-61.

The exhibit of the primary and grammar schools consists of thirty-two volumes in language and 124 separate papers, each of which illustrates serially a part of the course of study.

The classical high school exhibits four volumes of work in algebra covering nearly one year's assignment, five volumes in Latin representing parts of five years' work, two volumes in Greek, representative of three years, and one volume of college English representative of the work of the senior class. The work of the English high school is shown in seven volumes of English, four of geometry and one of trigonometry and astronomy, with fourteen wing frames. The work of the South high is made up of twelve volumes.

The work of the kindergarten is presented under the four subjects, time, clothing, trades and civic life.

The work of the evening school is contained in ten volumes.

The work in music consists of four volumes.

The exhibit in drawing comprises work representing all grades from the first through the high school.

The exhibit of the manual training department is shown in three panels.

Massachusetts Agricultural College.

UNITS NOS. 85, 86, 87, 108, 109, 110.

This is the first time that this institution has been represented at any exposition, but her exhibit is unique and valuable. It consists of over a hundred photographs of grounds, buildings, class rooms and special apparatus, a large number of books written by its faculty, a fine display of insects injurious to vegetation, insecticides discovered in Massachusetts, interesting results in feeding and food products, experiments in fertilization, chemicals prepared by students, a display of edible and poisonous mushrooms, the effect of disease upon bones, etc., etc.

Massachusetts Normal Art School, Boston.

UNITS NOS. 95, 96.

Massachusetts is the only State supporting a normal art school by general taxation. The school has two distinct purposes. It does the work of a general art school, furnishing courses of instruction in drawing, water color, oil painting, sculpture, architecture and naval construction, and it is a normal school training teachers of art for the public schools of the State. The school has two exhibits, one with the other art schools in the southwest corner of the Educational Building, the other in the general Massachusetts exhibit booth.

The Normal School Exhibit.

UNITS NOS. 93-102.

In order to avoid repetitions and at the same time to give a comprehensive view of the work of the ten Massachusetts State Normal Schools, each was asked to furnish a representation of its work in some one department. The result is a large, though not complete, exhibit of the work of the schools.

State Normal School, Bridgewater.—Courses of Study and Methods of Instruction.

UNIT No. 98.

This exhibit shows (1) the design of the school and the courses of study which it offers to student teachers; (2) the range of the course in each subject and the aim of the study. The typical outlines indicate the way in which the subject is placed before the student for study and teaching. Four things are taught in each subject—the principles of the subject, the parts of it which are to be used in teaching, the method of teaching, and the educational value of the subject.

Practice School of State Normal School, Bridgewater.—Nature Study.

UNIT No. 65.

The special points illustrated by the exhibit are the following: (1) A Plan of Work running from the Kindergarten through the ninth year, based on periods of child development. (2) Emphasis on Outdoor Observation for large views of nature, as a preparation for school room teaching. (3) The establishment of a large amount of Apperceptive Material for use in geography, literature and art. (4) The maximum use of sketching, painting, and oral reports as the Child's Natural Mode of Expression. (5) The close relation of nature to Human Interests.

State Normal School at Fitchburg.—Child Study.

UNIT No. 99.

The exhibit covers physical perception and motor tests, memory tests, observation lessons, reports of training teachers, special observations of various kinds, full accounts of plays and games observed, individual studies and sample theses.

Practice School of State Normal School, Fitchburg.—Drawing.

UNIT No. 34.

Three of the city school buildings are placed under the immediate direction of the Normal School. Young ladies at the beginning of the second year in the Normal course have complete charge of a room. Each subject is supervised by the teacher of that subject in the Normal School. These rooms are visited by the supervisor of drawing once in two weeks.

State Normal School at Framingham.—Domestic Science.

UNIT NO. 100.

The State Normal School at Framingham is the oldest normal school in America. The Mary Hemenway School of Household Arts was established in Boston by the late Mrs. Mary Hemenway in 1887. In June, 1898, the school was turned over to the State Board of Education and removed to the State Normal School at Framingham.

State Normal School at Hyannis.—Biology, Physical Training, Summer School Work.

UNIT NO. 101.

The State Normal School at Hyannis is the only Massachusetts Normal School having a summer session. Its purpose is to give the teachers of the State an opportunity each summer for some regular intensive study in one subject in a place where the opportunities for rest and recreation are abundant.

Practice School of State Normal School, Hyannis.—Industrial-Social Education.

UNIT NO. 64 AND SPECIAL SHOW CASE.

In the work shown in this exhibit Mr. Baldwin is convinced that he is doing what is worth while, that his face is toward the light, and that thoughtful people are ready to give attention to his solution of the problems which he proposes. He believes that home and school should be complementary, that manual training has a better form than has yet become common, that reading, writing, language, number, drawing, nature study and literature may not only be wisely correlated with industrial training, but that they may be inseparably united with it.

State Normal School at Lowell—Kindergarten.

UNIT NO. 102.

This exhibit has a twofold purpose. It serves as an exemplification of the work done by the children in the City Kindergartens, and it conveys an idea of the course provided by the State for the training of kindergartners.

Practice School of State Normal School, Lowell.—History.

UNIT No. 42.

This exhibit is meant to illustrate what the children do, and it covers their progress from the kindergarten to the last grade of the grammar department. It is first draft material and it presents customary work.

Practice School of State Normal School, North Adams.—Kindergarten.

UNIT No. 77.

In this exhibit, Mr. Murdock shows the latest results of his study in kindergarten instruction. The work differs considerably from the ordinary type of work done in kindergartens and is worthy of close study.

State Normal School at Salem.—Drawing.

UNIT No. 97.

The work in drawing from the Salem Normal School represents the relation of drawing to Normal School life rather than to the specified subject. Sheets 2 to 15 represent the type of drawing done in the botany department. Sheets 16 to 21 the zoology department. Sheets 22 to 25, design. Sheets 26 to 30, object drawing. Sheet 31, literature. Sheets 32 and 33, structural drawing for chemistry and physics.

Practice School of State Normal School, Salem.—Reading.

UNIT No. 66.

This exhibition is suggestive of some of the kinds of work that may accompany and grow out of the reading done in the regular period in the class room, extending as it does, in many directions, and supplementing many subjects—history, geography, music, nature work and, more particularly, literature.

State Normal School at Westfield.—Chemistry, Child Study.

UNIT No. 94.

The State Normal School at Westfield is one of the oldest and best established of the State Normal Schools in Massachusetts. Its work in its various departments has an excellent reputation, none higher than the work of Mr. Munroe in Child Study. Mr. Munroe makes a special exhibit of his work in this study and the professor of chemistry shows illustrations of unique work in chemistry.

State Normal School at Worcester.—Collective Exhibit.

UNIT No. 93.

This exhibit shows in some detail six features which are prominent in the history and conduct of the school, and which are noteworthy in themselves. These are: (1) The Library and its Administration, with especial reference to the free use of its books by teachers and students. (2) The System of Practice-teaching called the "Apprenticeship," whereby its students are assigned to actual, ongoing, public schools. (3) Child Study as carried on in this school by a system of general and comprehensive observation of children. (4) The Association of Graduates and their Class Reunions. (5) The "Larger" Kindergarten Material, devised and first used in this school in 1895. (6) The "Platform Exercise," a method of giving instruction and practice in oral expression.

Free Public Libraries.

UNITS NOS. 113, 114.

Massachusetts excels all her sister States in the number and value of her free public libraries. The character and work of these are shown by Mr. Bartlett's large map of Massachusetts with pen and ink drawings of nearly three hundred libraries made directly from photographs, by a collection of some five hundred photographs of exteriors and interiors, and by copies of the reports of the Library Commission.

Lowell Textile School.

UNITS NOS. 106, 107.

The exhibit of this school fills two units and overflows to the wall near by. It consists of designs, yarns, woven goods, etc., displaying the general character of the work done in this oldest and largest of Massachusetts textile schools.

Nautical Training School—Seamanship, Navigation, Engineering.

UNIT NO. 115.

This unique school, supported by the State of Massachusetts mainly as a preparatory school for officers in the merchant marine, is conducted on board the United States Steamship Enterprise. Cadets must have completed the ordinary course of study in a public grammar school, must be rugged in physique and resolute in spirit, and must not be afraid of wet, cold, manual labor, or the general privations and hardships of a seafaring life.

School Organization.

UNITS NOS. 103, 104, 105.

This exhibit includes a set of Massachusetts reports, a set of School Committee reports from every city and town in the State, blank administrative forms, school statistics, and a condensed account of the Massachusetts school system, the work of the State Board of Education, and the duties and powers of school committees.

Sloyd Training School.

UNIT NO. 91.

Mr. Larsson is the acknowledged leader, indeed, he may be called the father of Sloyd in this country. Perhaps his most striking peculiarity is his fidelity to philosophical principles. Next to this is his untiring effort to perfect his system. This exhibit shows in a complete and satisfactory manner his present position, his latest models, and his educational philosophy.

Miss Wheelock's Normal Kindergarten Training School.

UNIT No. 90.

Miss Wheelock is one of the most acceptable public speakers among American women on all subjects connected with social progress. She here speaks freely concerning the kind of work which she believes should be done in the kindergarten, and speaks with the authority of long experience and pronounced success.

CATALOGUE BY SUBJECTS.

The numbers following the subjects indicate the "units" as numbered on the doors of the wall cabinets.

Administration, 6, 17, 23, 98.
Agriculture, 85, 86, 87, 108, 109, 110.
Algebra, 18, 55, 61, 83, 79.
Arithmetic, 5, 45, 54, 60, 72, 74, 75, 80, 88, 92.
Astronomy, 61, 83.
Biology, 15, 16, 83, 101.
Botany, 54, 83, 109.
Childs Study, 93, 94, 99.
Chemistry, 20, 54, 83, 94, 108.
Commercial Branches, 14, 54, 55, 83.
Cooking, 11, 100.
Drawing, 6, 17, 32, 33, 34, 35, 36, 37, 40, 53, 56, 72, 81, 95, 96, 97.
Educational Centers, 30.
Education of the Deaf, 26.
Entomology, 85.
Evening Schools, 25, 27, 28, 57, 67, 84.
French, 19, 61, 83.
Geography, 3, 4, 68, 69, 70, 71, 73, 88.
Geometry, 19, 54, 18, 61, 83.
German, 18, 54, 61, 83.
Greek, 19, 55, 61, 83.
History, 8, 13, 41, 42, 55, 68, 69, 83, 79.
Horticulture, 86.
Kindergarten, 1, 58, 90, 102, 177.
Language and Literature, 9, 10, 13, 43, 45, 46, 51, 52, 55, 59, 61, 66, 72, 78, 79, 83, 88, 93.
Latin, 19, 55, 61, 79, 83.
Libraries, 93.
Manual Training, 12, 21, 47, 48, 49, 62, 63, 64, 76, 91.

Music, 7, 57.
Nature Study, 2, 65.
Normal School Work, 24, 88, 89, 90, 93, 94, 98.
Penmanship, 36, 38, 39, 78.
Physical Training, 7, 101.
Physics, 22, 54, 83.
Reading, 9, 66.
School Organization, 23, 55, 83, 98, 103, 104, 105.
Seamanship, 115.
Sewing, 29, 50.
Spanish, 19.
Spelling, 78, 79.
Summer School Work, 101.
Textile Industries, 106, 107.
Veterinary Instruction, 110.

MASSACHUSETTS EXCELLENCIES.

By the reports of Dr. William T. Harris, United States Commissioner of Education, Massachusetts is first among the United States in the following particulars:

1. The number of city school systems.
2. The number of city school buildings.
3. The ratio of average attendance to enrollment.
4. The average number of days' attendance of each pupil.
5. The value of school property per capita of pupils in average attendance.
6. Total expense of public schools in proportion to value of all property.
7. The average monthly salary of male teachers.
8. The percentage of public school revenue derived from local taxation.
9. The number of women in collegiate departments of universities and colleges.
10. The total number of women in all departments of universities and colleges.
11. The number of A. B. degrees conferred on men.
12. The number of Sc. D. degrees conferred on men.
13. The total number of instructors in colleges for women.
14. The total number of students in colleges for women.
15. The number of students in women's colleges in courses in Greek and pedagogy.
16. The number of scholarships, size of libraries, value of scientific apparatus, value of grounds and buildings, and productive funds for women.
17. The income of women's colleges, other than for tuition, productive funds, and State appropriations.
18. The total number of instructors in schools of technology.
19. The total number of students in schools of technology.

20. The total number of male students in schools of technology.

21. The number of students in schools of technology in courses in chemical engineering, architecture, and sanitary engineering.

22. The number of degrees of B. S. conferred by schools of technology.

23. The size and value of libraries, value of scientific apparatus, and productive funds, and income from tuition and from productive funds of schools of technology.

24. The number of students in a single school of technology and largest library.

25. The total income of law schools.

26. The total number of students in classical courses in high schools preparing for college.

27. The total number of students in military tactics in high schools, of female students in Greek, of total students in French, chemistry and English Literature in public high schools.

28. The percentage of total students in high schools taking French.

29. The number of high schools and number of male teachers in high schools in cities of over 8,000; value of high school equipment, productive funds and endowment.

30. The total number of students preparing for college in private high schools.

31. The number of students in private high schools and academies taking Greek.

32. The amount of benefactions to private high schools and academies.

33. The number of cities in which manual training is given.

34. The number of female students in commercial courses in public high schools and the number of those taking bookkeeping; the number of male students taking commercial law, and total number of students in business courses.

35. The endowment funds of hospitals having training schools for nurses.

36. The number of instructors in schools for the blind; number of pupils in kindergarten classes; number of volumes in libraries and expenditures for such schools.

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